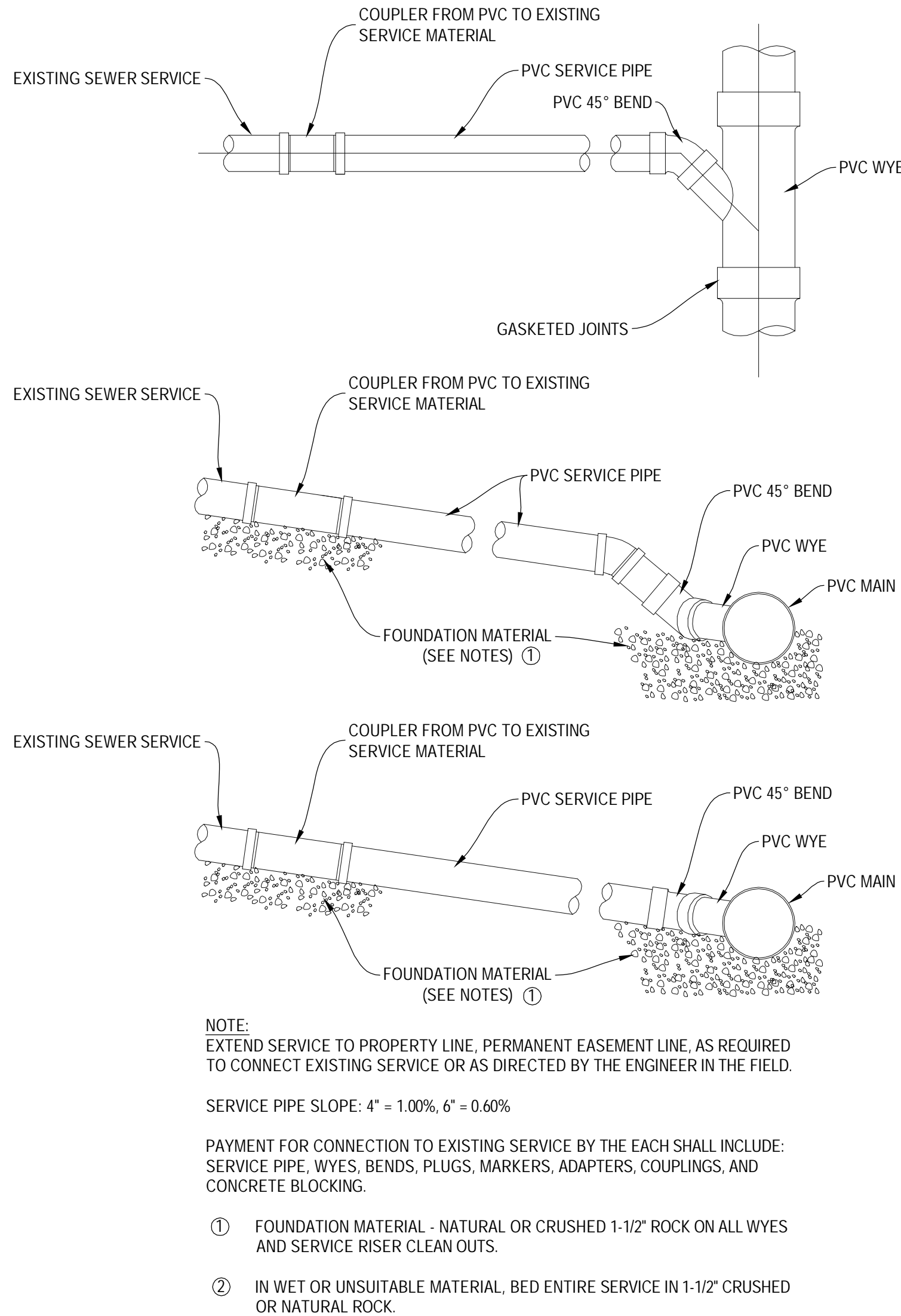


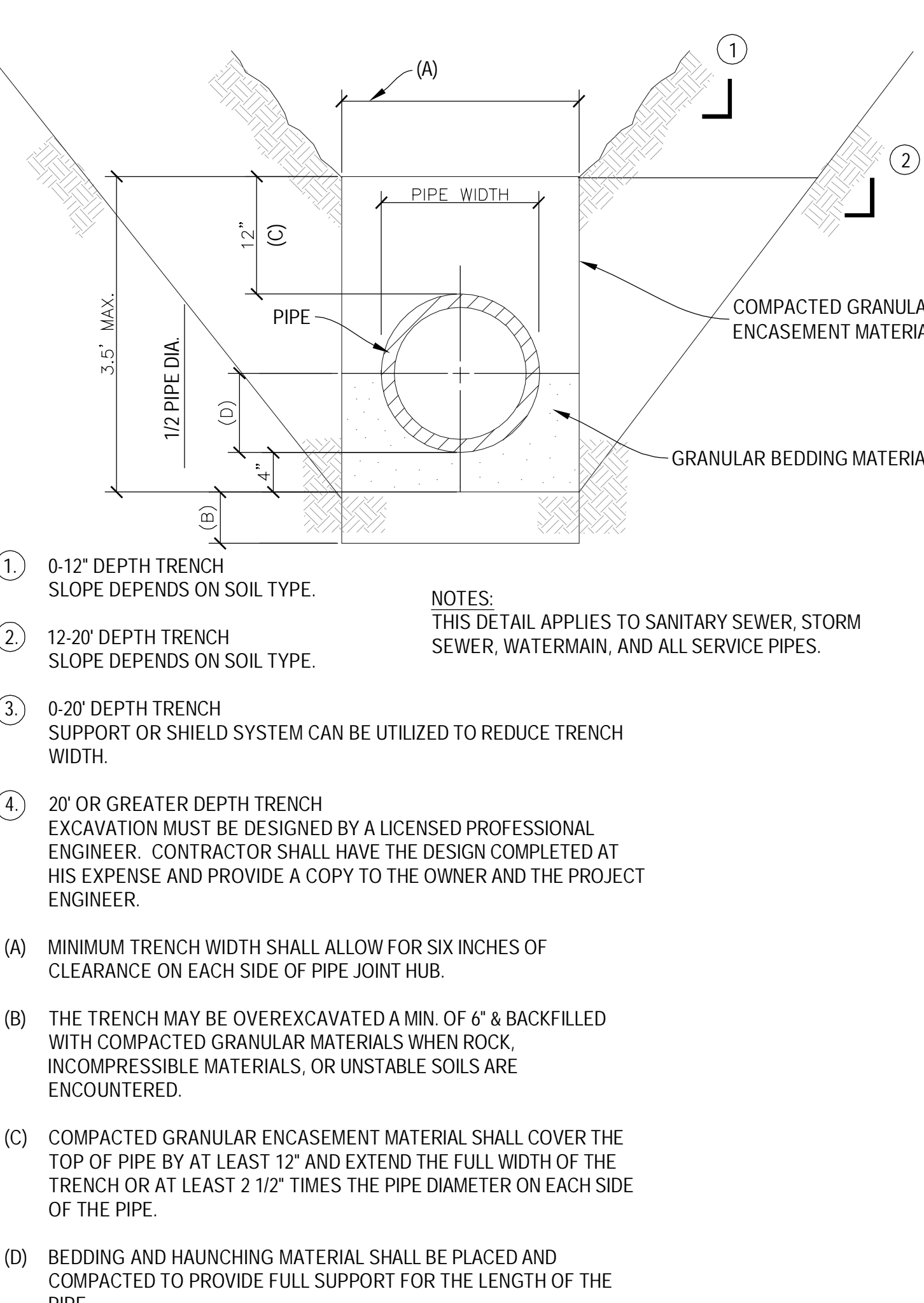




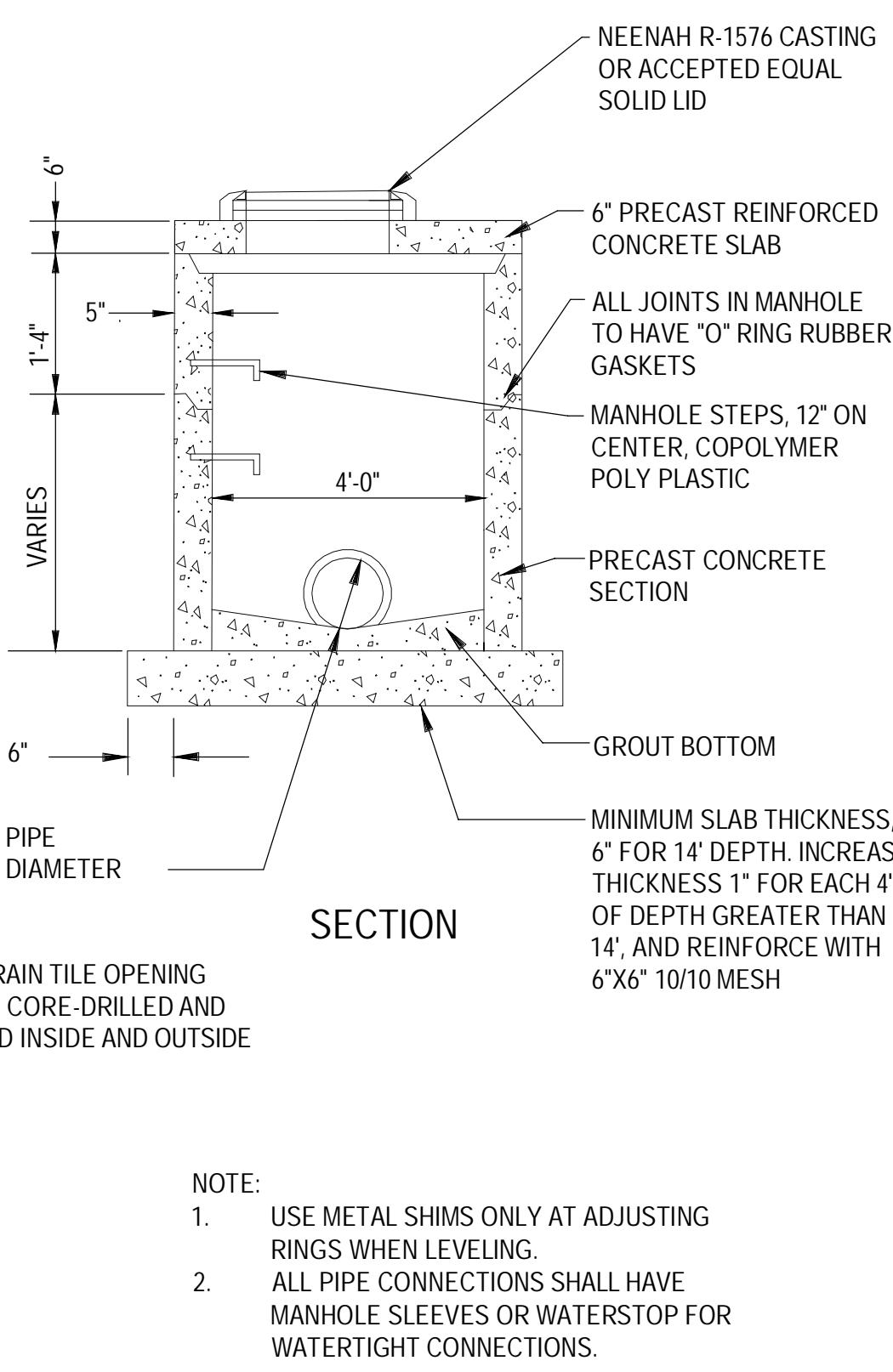
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one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot
one eighth inch = one foot



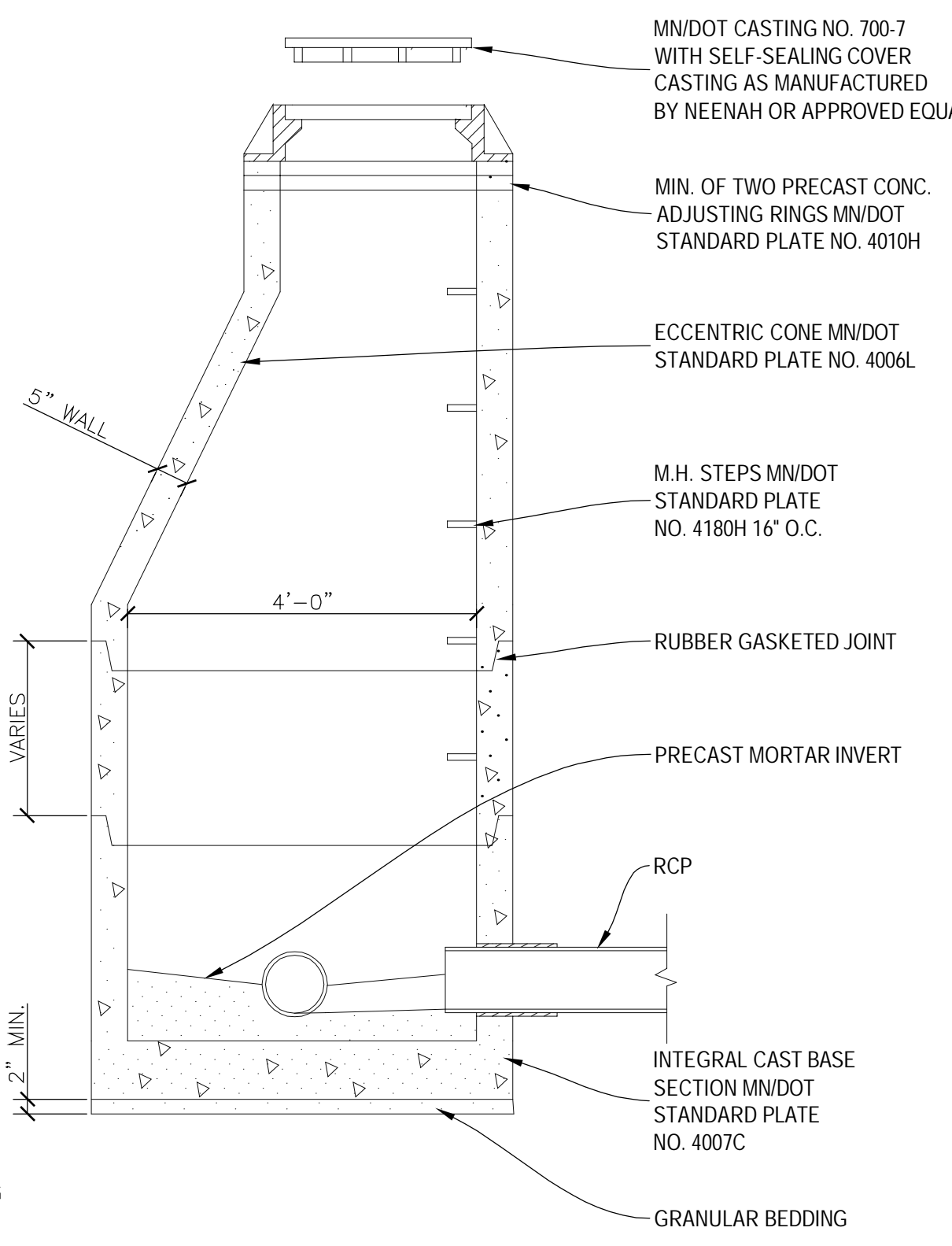
1 CONNECT TO EXISTING SERVICE DETAIL
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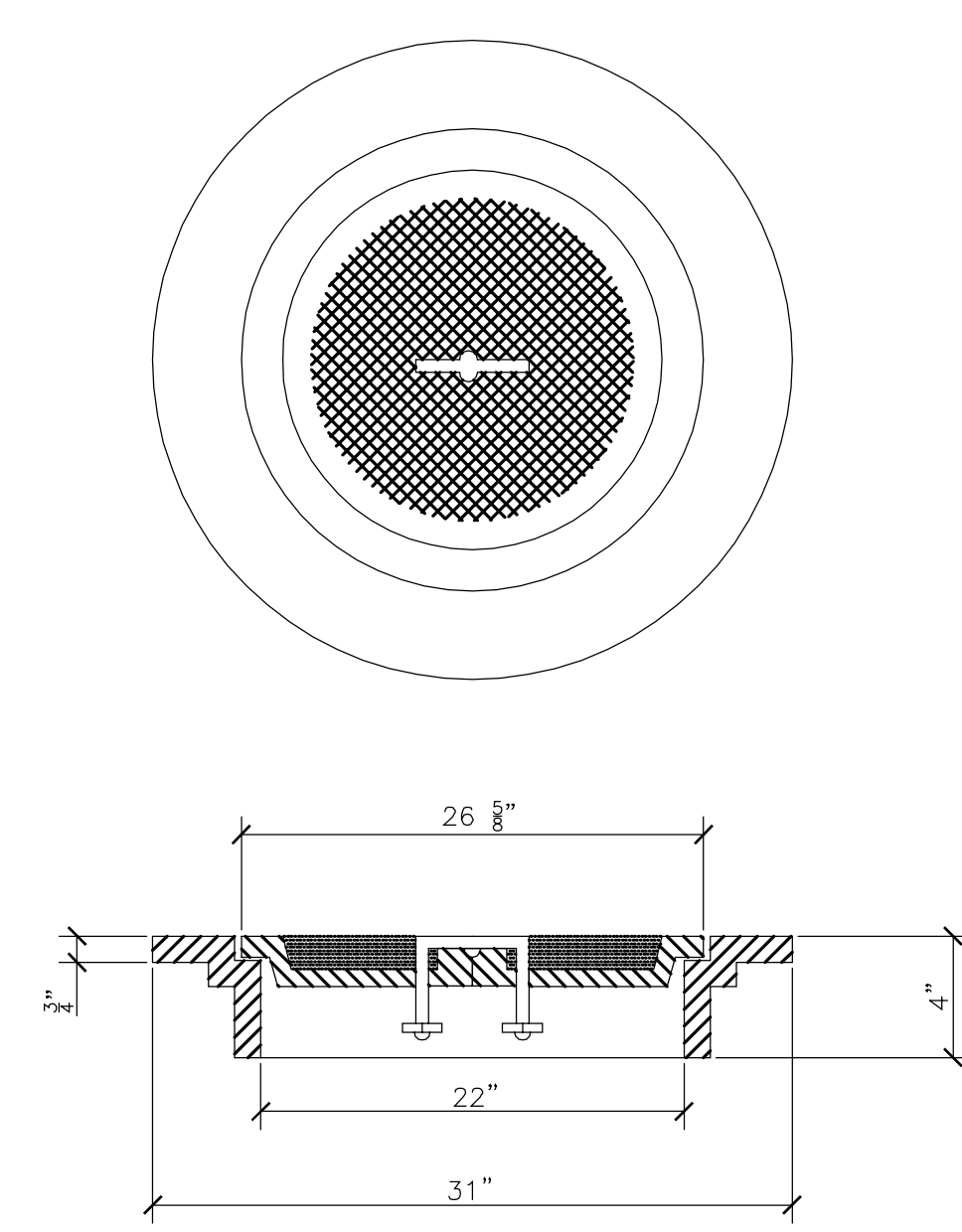
2 TYPICAL PIPE BEDDING DETAIL
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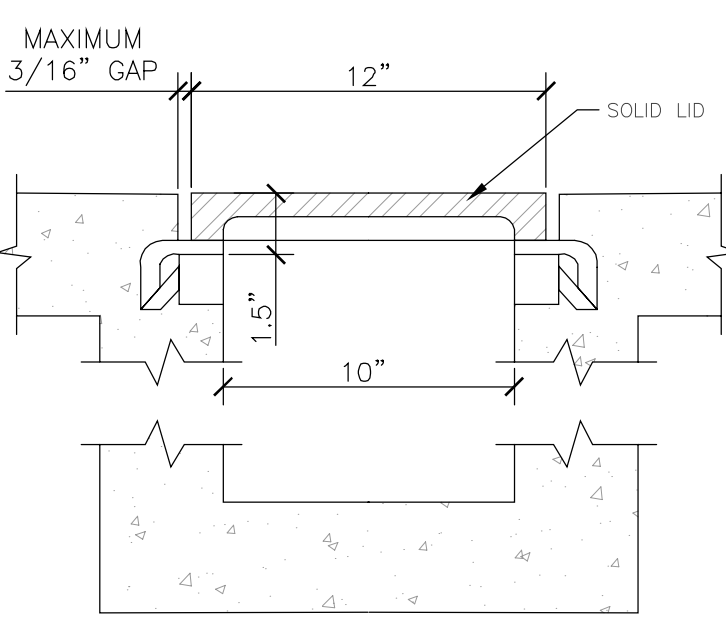
3 STANDARD MNDOT STORM MANHOLE 48-4020
SCALE-NTS



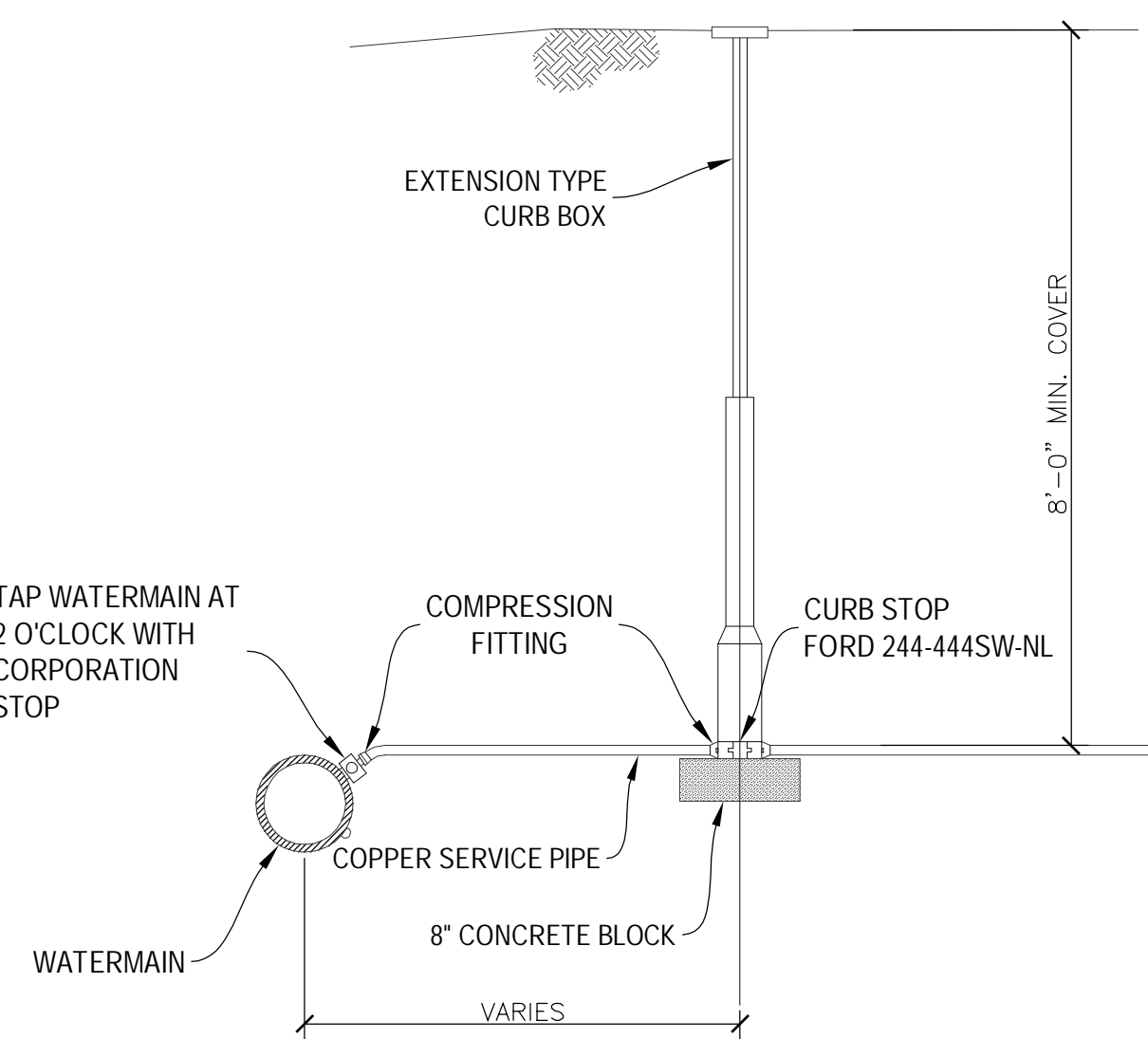
4 STANDARD DESIGN "H" STORM MANHOLE/CATCH BASIN DETAIL
NTS



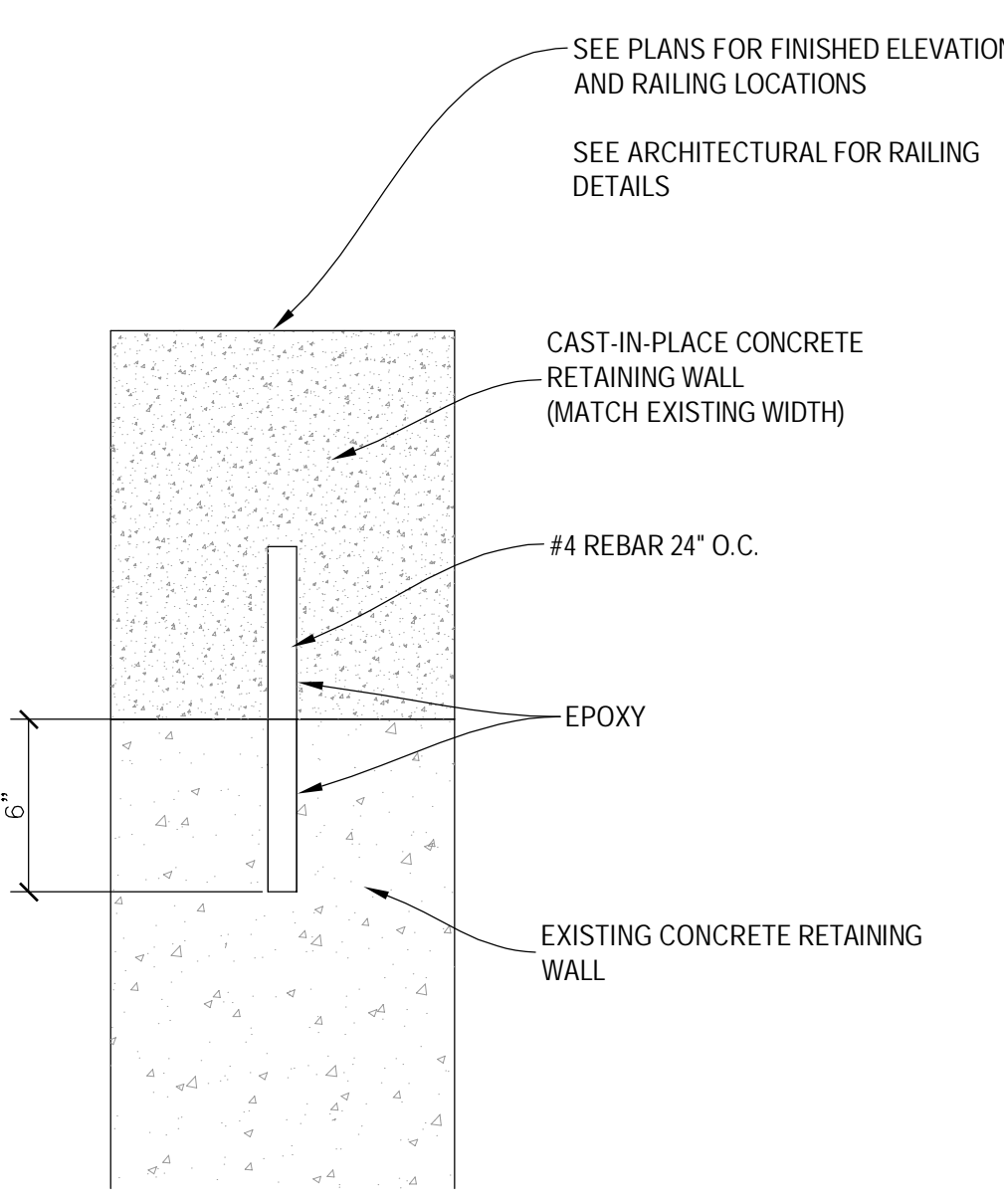
5 R-6320-H UTILITY ACCESS MANHOLE COVER
NTS



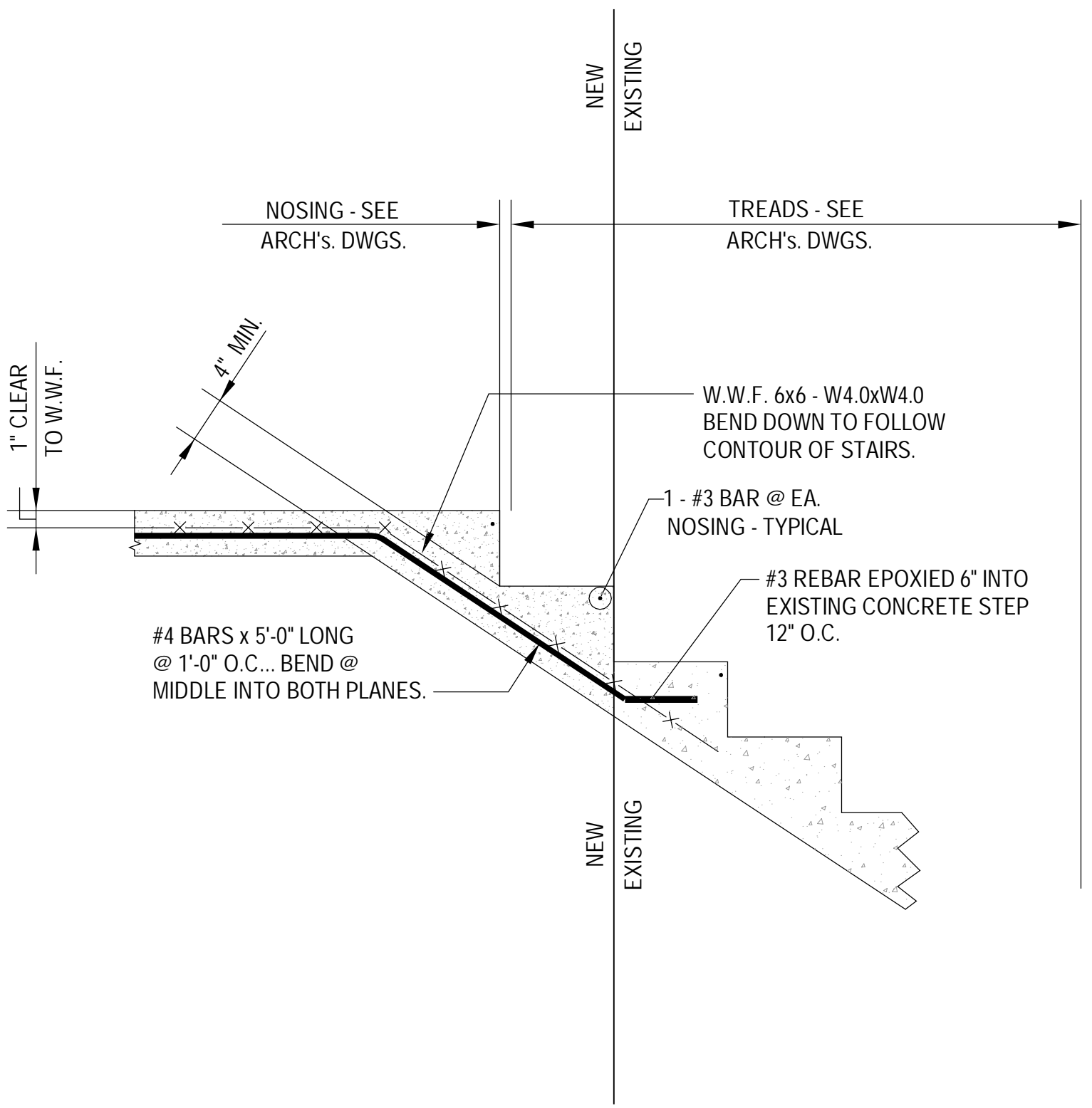
6 HEAVY DUTY BOLTED TRENCH
NTS



7 TYPICAL WATER SERVICE DETAIL
NTS



8 RAISE CONC. RETAINING WALL DETAIL
NTS



9 CONCRETE STAIRS DETAIL
NTS

NO.	REVISION	DATE

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DANIEL J. FOLSOM, PE
DATE: 03-21-16

DRAWING TITLE
DETAILS

PROJECT TITLE
REMODEL SITE FOR UPGRADED CT SCANNER

BUILDING NO.

CHECKED BY
DJF

DRAWN
JSL

DATE
03-21-2016

PROJECT NO.
656-15-036

CAD FILE

DRAWING NO.
C72

LOCATION
VA MEDICAL CENTER
ST. CLOUD, MN 56302

St. Cloud VA Health Care System
Brainerd | Montevideo | Alexandria

A

B

C

D

E

F

A

B

C

D

E

F

DRAWING INDEX	
S0.1	GENERAL NOTES
S1.1	FOUNDATION PLAN
S2.1	FRAMING PLAN

STRUCTURAL DESIGN CRITERIA:

- THE GOVERNING BUILDING CODE SHALL BE THE 2015 MINNESOTA STATE BUILDING CODE.
 - REFERENCED CODE : IBC 2012 & ASCE 7-10
 - BUILDING OCCUPANCY CATEGORY II

GRAVITY LOADS		LOADS	NOTES
DEAD LOADS			
	STAIRS	40PSF	
FLOOR LIVE LOAD			
	STAIRS	100PSF	

GENERAL NOTES:

- THE CONTRACT DOCUMENTS REPRESENT A STABLE STRUCTURE ONLY ITS COMPLETED STATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MEANS AND METHODS REQUIRED TO CONSTRUCT THE STRUCTURE IN A SAFE MANNER. TEMPORARY SHORING AND BRACING REQUIRED TO RESIST LOAD IMPARTED ON THE STRUCTURE DURING CONSTRUCTION FROM DEAD LOADS, LIVE LOADS, SOIL PRESSURE, CONSTRUCTION LOADS, WIND LOADS, SEISMIC LOADS, AND UNBALANCED LOADING IS THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING A SAFE CONSTRUCTION SITE THAT IS IN COMPLIANCE WITH ALL OSHA REQUIREMENTS.
- THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXISTING CONDITIONS PRIOR TO CONSTRUCTION. DIFFERING EXISTING CONDITIONS MUST BE REPORTED IMMEDIATELY TO THE STRUCTURAL ENGINEER.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE BETWEEN THE ARCHITECTURAL, STRUCTURAL AND MEP DRAWINGS TO IDENTIFY CONFLICTS BETWEEN THE DISCIPLINES. THESE CONFLICT SHALL BE REPORTED IMMEDIATELY TO THE DESIGN TEAM FOR CLARIFICATION.
- THE CONTRACTOR MAY BE BACK CHARGED FOR ADDITIONAL DESIGN SERVICE ASSOCIATED WITH:
 - EVALUATION OF DESIGN ALTERNATIVES
 - ANALYSIS OF TEMPORARY SHORING
 - ANALYSIS REQUIRED BECAUSE OF POOR WORKMANSHIP ON THE PART OF THE CONTRACTOR OR THEIR SUBCONTRACTORS

SHALLOW FOUNDATIONS:

- FOUNDATION SIZES ARE BASED UPON AN PRESUMPTIVE SOIL BEARING CAPACITY OF 2000PSF. THIS BEARING CAPACITY SHOULD BE VERIFIED AT THE TIME OF CONSTRUCTION BASED UPON THE REQUIREMENTS STATED IN THE PROJECTS SPECIAL INSPECTION AND TESTING SCHEDULE.
- FOUNDATION BEARING ON COMPACTED FILL MATERIAL LESS THAN 12" IN DEPTH MUST BE COMPACTED TO A MINIMUM OF 100% MODIFIED PROCTOR IN ACCORDANCE WITH ASTM D1557. WHERE FOUNDATION BEAR ON MORE THAN 12" OF COMPACTED FILL, THE COMPACTED FILL SHALL COMPLY WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER AND THE PROJECTS SPECIAL INSPECTION AND TESTING SCHEDULE.
- FOUNDATIONS SHALL NOT BE CAST ON FROZEN SOILS. IF IT IS ANTICIPATED THAT THE SOILS BELOW THE FOUNDATIONS MAY FREEZE, TEMPORARY MEASURE TO HEAT THE AREA MUST BE EMPLOYED BY THE CONTRACTOR.

STRUCTURAL STEEL:-

- STRUCTURAL STEEL DESIGNED IN ACCORDANCE WITH THE ASD PROVISIONS OF THE STEEL CONSTRUCTION MANUAL 13TH EDITION.
- STRUCTURAL STEEL FABRICATION SHALL BE PERFORMED BY QUALIFIED FABRICATORS PARTICIPATING IN AN AISI QUALITY CERTIFICATION PROGRAMS, AND IN COMPLIANCE WITH CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES.
- | STRUCTURAL SHAPE | ASTM SPECIFICATION | Fy | Fu |
|--------------------------|--------------------|-------|-------|
| W, M, S, HP SHAPES | A992 | 50ksi | 65ksi |
| CHANNELS, ANGLES, PLATES | ASTM A36 | 36ksi | 58ksi |
| STEEL PIPE | A53 Gr B | 35ksi | 60ksi |
| ROUND HSS | A500 Gr B | 42ksi | 58ksi |
| SQUARE, RECTANGULAR HSS | A500 Gr B | 46ksi | 58ksi |
- | FASTENER | ASTM SPECIFICATION | Fy | Fu | NOTES |
|-------------------------------|--------------------|-------|-------|---|
| BOLTED CONNECTIONS | A325-N | | 65ksi | PLAIN FINISH SNUG TIGHTENED |
| ANCHOR RODS | F-1554 Gr 36 | 36ksi | 58ksi | PLAIN, STRAIGHT, WITH HEAVY HEX HEAD AND 9" EMBEDMENT INTO CONCRETE AND 4" PROJECTION UNO |
| HEAVY HEX CARBON STEEL NUTS | A563 | | | |
| HARDENED CARBON STEEL WASHERS | F436 | | | |
| THREADED RODS | A36 | 36ksi | 58ksi | PLAIN |
| SHEAR CONNECTORS | A108 | | | AWS D.1., TYPE B |
- UNLESS NOTED OTHERWISE, ALL BEAM CONNECTIONS SHALL BE SIMPLE SHEAR CONNECTION CONFORMING TO THE REQUIREMENTS OF CHAPTER 10 OF THE AISI MANUAL. THE STEEL FABRICATOR SHALL DESIGN ALL CONNECTIONS FOR A MINIMUM SHEAR LOAD OF 50% OF THE TOTAL MAXIMUM UNIFORM LOAD PER TABLE 3-6 OF THE AISI.
- ALL STRUCTURAL STEEL MEMBERS SHALL BE CLEANED TO SSPC-SP3, AND PRIMED WITH STANDARD SHOP PRIMER WITH THE EXCEPTION OF; AREAS TO BE FIELD WELDED, AREAS TO BE EMBEDDED IN CONCRETE, AREAS TO RECEIVE FIELD FIRE PROTECTION, AREAS WITH SLIP CRITICAL CONNECTIONS.
- ALL STRUCTURAL WELDING SHALL BE PERFORMED BY CERTIFIED WELDER MUST CONFORM TO AWS WELDING SPECIFICATION D1.1. PROOF OF THE WELDERS CERTIFICATION MUST BE AVAILABLE AT THE JOB SITE.
- UNLESS NOTED OTHERWISE, ALL WELDING SHALL BE MADE USING E70XX ELECTRODES.
- UNSPECIFIED WELDING SHALL BE MADE USING AN ALL AROUND FILLET WELD, WITH A MINIMUM SIZE SIZE CONFORMING TO TABLE 12.4 OF THE AISI MANUAL.
- GROUTING UNDER COLUMN BASE PLATES SHALL BE ACCOMPLISHED WITH NONMETALLIC, SHRINK RESISTING GROUT, ASTM C1103 WITH A MINIMUM COMPRESSIVE STRENGTH OF 7000PSI IN ACCORDANCE WITH ACI 351.1
- ANY ITEM NOTED ON THE STRUCTURAL DRAWINGS AS GALVANIZED SHALL CONFORM WITH THE REQUIREMENT OF ASTM A123.

CONCRETE:-

- CONCRETE DESIGN AND CONSTRUCTION TO BE IN ACCORDANCE WITH THE FOLLOWING;
 - ACI 117 - SPECIFICATIONS FOR TOLERANCE FOR CONCRETE CONSTRUCTION AND MATERIALS.
 - ACI 301 - SPECIFICATIONS FOR STRUCTURAL CONCRETE.
 - ACI 305 - GUIDE TO HOT WEATHER CONCRETING.
 - ACI 306 - GUIDE TO COLD WEATHER CONCRETING.
 - ACI 315 - DETAILS AND DETAILING OF CONCRETE REINFORCEMENT.
 - ACI 318 - BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE.
- ALL CONCRETE USED SHALL BE REDIMIX, CONFORMING TO THE FOLLOWING DESIGN PARAMETERS. THE USE OF ADDITIONAL ADMIXTURES MAY BE PERMITTED WITH PRIOR APPROVAL FROM THE ENGINEER OF RECORD.

ELEMENT	F'C	AIR ENTRAINMENT	SUMP	NOTES
FOUNDATIONS	3000PSI	5½% ±1.5%	4-6"	
FDN WALLS/PIERS	3000PSI	5½% ±1.5%	4-6"	
SLAB ON GRADE	3000PSI	NO	4-6"	
EXTERIOR	4000PSI	5½% ±1.5%	4-6"	MAX W/C RATIO = .45 WITH AGGREGATE CONFORMING TO MNDOT #3137
UNO	4000PSI	5½% ±1.5%	4-6"	
- ALL STEEL BAR REINFORCEMENT SHALL CONSIST OF DEFORMED BARS CONFORMING WITH ASTM A615, GRADE 60 UNO. WELDABLE REINFORCEMENT SHALL CONFORM WITH ASTM A706, GRADE 60 UNLESS SHOWN THAT THE C.E. IS WITHIN THE WELDABLE RANGE PER AWS D1.4. REINFORCEMENT SHALL BE FACTORY BENT UNLESS APPROVED PRIOR TO CONSTRUCTION. STEEL REINFORCEMENT LAP LENGTHS SHALL BE AS FOLLOWS;

FC	BAR SIZE	HORIZONTAL REBAR IN FOUNDATIONS' WALLS/ SLABS AND BEAMS	VERTICAL REBAR IN COLUMNS AND PIERS	STD. HOOKS INTO CONCRETE	UNO
3000PSI	#3 [#10]	28"	9"	9"	22"
	#4 [#13]	37"	11"	11"	29"
	#5 [#16]	47"	14"	14"	36"
	#6 [#19]	56"	17"	17"	43"
	#7 [#22]	81"	19"	19"	63"
	#8 [#25]	93"	22"	22"	72"
4000PSI	#3 [#10]	24"	8"	7"	19"
	#4 [#13]	32"	10"	10"	25"
	#5 [#16]	40"	12"	12"	31"
	#6 [#19]	48"	15"	15"	37"
	#7 [#22]	70"	17"	17"	54"
	#8 [#25]	80"	19"	19"	62"
- ALL EXPOSED CORNERS OF CONCRETE MEMBERS SHALL HAVE A ¾" CHAMFER UNO.
- THE CONTRACTOR SHALL ADD (2) #4 BARS, 4'-0" LONG AT A 45° ANGLE AT ALL REENTRANT CORNERS.
- MINIMUM CONCRETE COVER FOR REINFORCEMENT SHALL NOT BE LESS THAN.

CONDITION	BAR SIZE	CLEAR
CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH	ALL	3"
CONCRETE EXPOSED TO EARTH AND WEATHER	#6 AND GREATER	2"
	#5 AND SMALLER	1 ½"
SLABS, WALLS, JOISTS NOT EXPOSED TO WEATHER OR IN CONTRACT WITH GROUND	ALL	¾"
BEAMS AND COLUMNS NOT EXPOSED TO WEATHER OR IN CONTRACT WITH GROUND	ALL	1 ½"
- SEE ARCHITECTURAL DRAWINGS OR SPECIFICATIONS FOR CONCRETE FINISH REQUIREMENTS. ALL CONCRETE TO BE CURED IN ACCORDANCE WITH ACI 308R-01. UNO. ALL CURING COMPOUNDS USED SHALL BE DISSIPATING AND CONFORM WITH ASTM C309, TYPE 1 CLASS B.
- APPROXIMATE LOCATIONS OF CONCRETE SLAB CONTRACTION JOINT LOCATIONS ARE SHOWN ON THE PLANS. THESE JOINTS SHALL BE CONSTRUCTED USING ¾" BLADES ON POWER SAWS EXECUTED AS SOON AS THE CUTTING ACTION WILL NOT DAMAGE THE SURFACE AND BEFORE RANDOM CONTRACTION CRACKS DEVELOP. UNLESS OTHERWISE NOTED THE SLAB SHALL BE SEGMENTED INTO 10' SQUARE PANELS, WITH A MAXIMUM SIDE RATIO OF 1.5:1. JOINTS SHALL BE PROVIDED AT ALL REENTRANT CORNERS.
- FLOOR SLABS SHALL BE FINISHED TO A FLATNESS F(f) OF 35 AND A LEVELNESS F(L) OF 25 UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL HIRE A TESTING LABORATORY FOR EVALUATION OF CONCRETE COMPRESSIVE STRENGTH. FREQUENCY OF TESTING, THE MINIMUM AMOUNT OF TEST CONDUCTED AND THE AMOUNT OF CYLINDERS CAST SHALL BE AS SPECIFIED IN ACI 318, SECTION 5.6.2.
- ACCEPTANCE OF CONCRETE MIX DESIGN WILL BE BASED UPON THE REQUIREMENTS STATED IN ACI 318, CHAPTER 5.3.

POST INSTALLED ADHESIVE AND MECHANICAL ANCHORS:

- INSTALL POST INSTALLED ANCHORS PER MANUFACTURES WRITTEN RECOMMENDATION UNDER THE MANUFACTURES ACCEPTABLE WEATHER CONDITIONS. POST INSTALLED ANCHORS SHALL NOT BE USED IN OTHER LOCATION WITHOUT APPROVAL.
 - POST INSTALLED ANCHORS SHALL BE MANUFACTURED BY THE SIMPSON STRONG TIE COMPANY. ALTERNATIVE ANCHORING SYSTEMS, WITH BETTER DESIGN VALUES MAY BE USED WITH PRIOR APPROVAL. ALL SUBSTITUTIONS REQUESTS MUST BE ACCOMPANIED WITH EITHER ICC-ES OR IAPMO-UES REPORTS.
- | ITEM | PRODUCT | EMBEDMENT |
|--|--|-----------|
| THREADED RODS TO SOLID CONCRETE | ¾"Ø ASTM F1554 Gr 36 OR ASTM A193 Gr B7 THREADED ROD w/ SET XP | 5½" |
| THREADED RODS TO GROUT FILLED OR HOLLOW MASONRY | ¾"ØASTM F1554 Gr 36 OR ASTM A193 Gr B7 THREADED ROD w/ SET | 5½" |
| REINFORCING BARS TO SOLID CONCRETE | #5 ASTM A615 Gr 60 REBAR AND SIMPSON SET XP | 5½" |
| EXPANSION ANCHOR TO SOLID CONCRETE OR GROUT FILLED MASONRY | ¾"Ø STRONG BOLT 2 WEDGE ANCHOR | 4½" |
| LARGE DAIMLER SCREW AND MASONRY SCREWS | ¾"Ø TITEN HD | 2¾" |
| SMALL DIAMETER CONCRETE AND MASONRY SCREWS | ¼"Ø TITEN HD MINI | 1" |
| SMALL DIAMETER BRICK SCREWS | ¾"Ø HILTI KWIK CON II+ | 1 ¾" |
- FASTENERS USED IN EXTERIOR APPLICATIONS OR IN CONTACT WITH PRESERVATIVE TREATED AND FIRE-RETARDANT LUMBER SHALL BE EITHER ZINC COATED IN ACCORDANCE WITH ASTM A153 CLASS C OR D, OR STAINLESS STEEL.

NO.	REVISION	DATE

VA FORM 08-6231



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Joe Nichols - MN 44104
JOE A. NICHOLSON, PE REG. NO.
DATE: 03-21-2016

DRAWING TITLE:
GENERAL NOTES

PROJECT TITLE:
REMODEL SITE FOR UPGRADED
CT SCANNER

BUILDING NO:
01

CHECKED BY:
JAN

DESIGN:
JSM

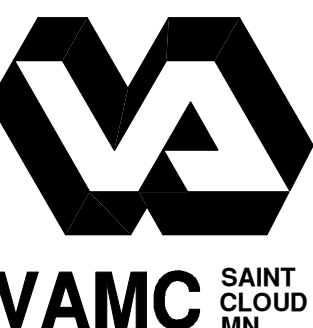
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LOCATION:
VA MEDICAL CENTER
27 CLEVELAND, MN 56303

DATE:
03/21/2016

PROJECT NO:
656-15-836

DRAWING NO:
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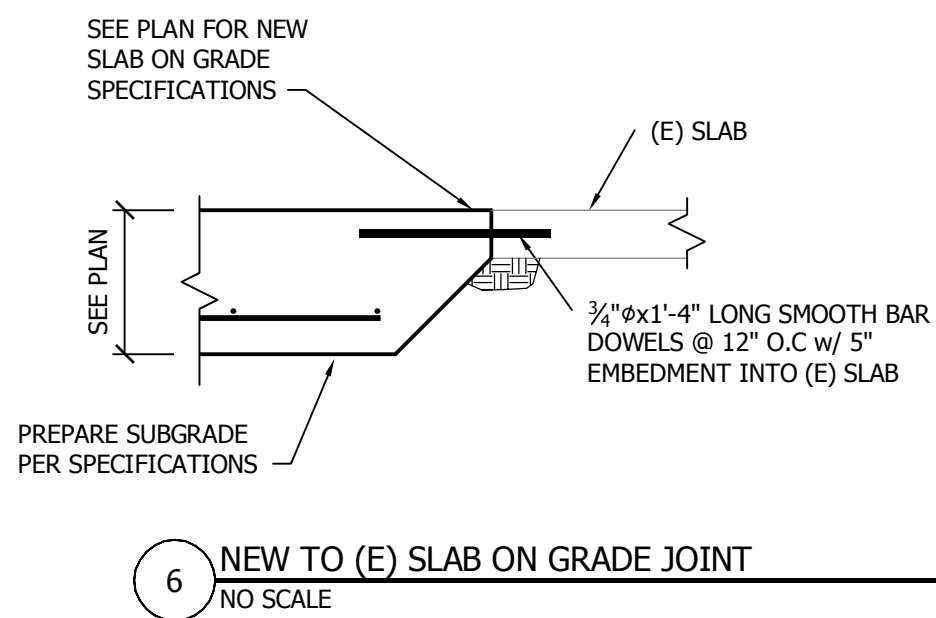
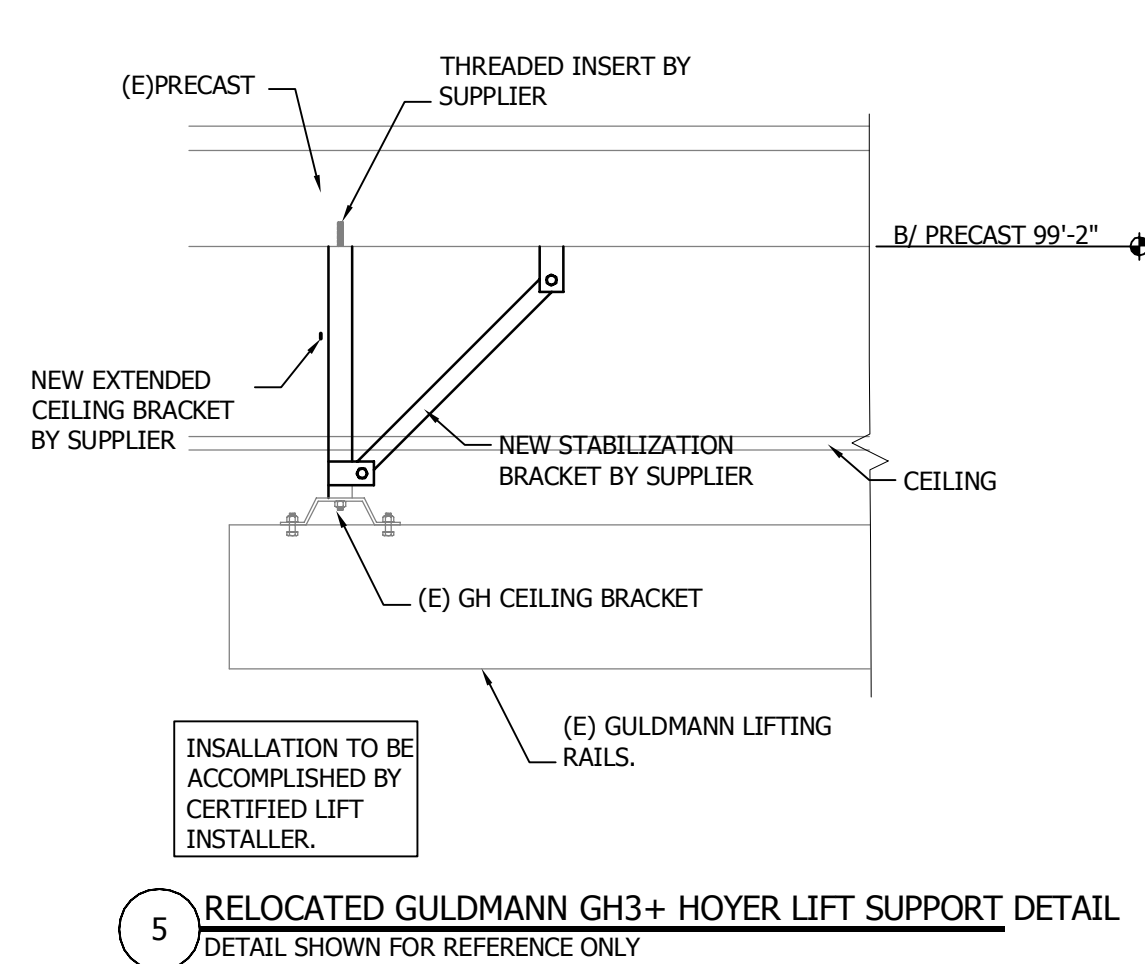
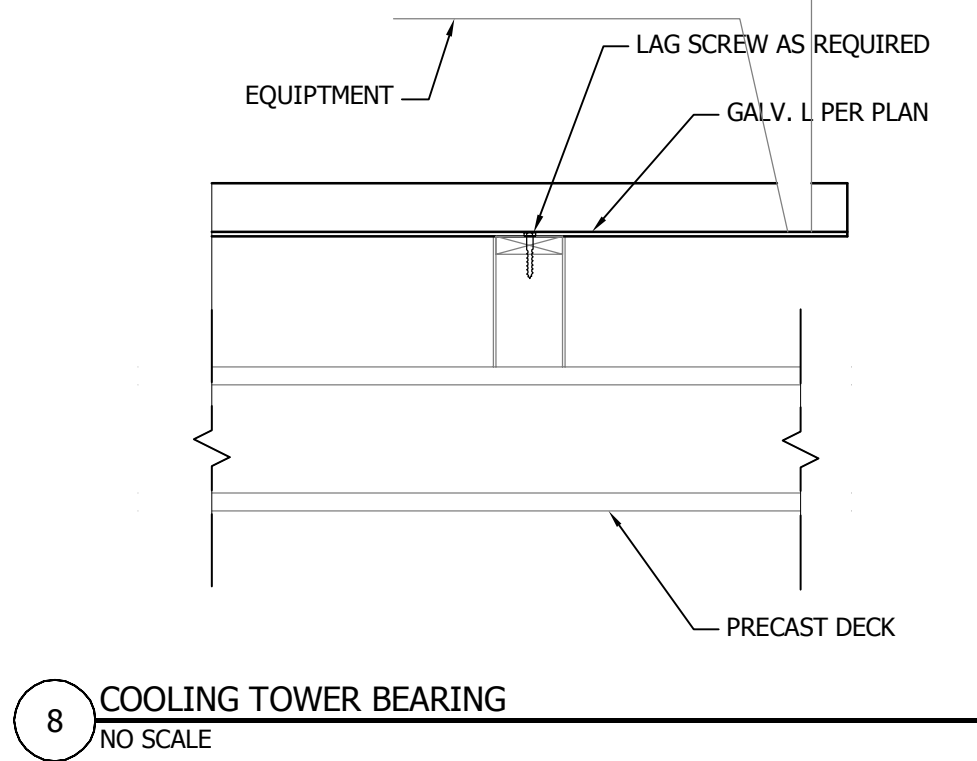
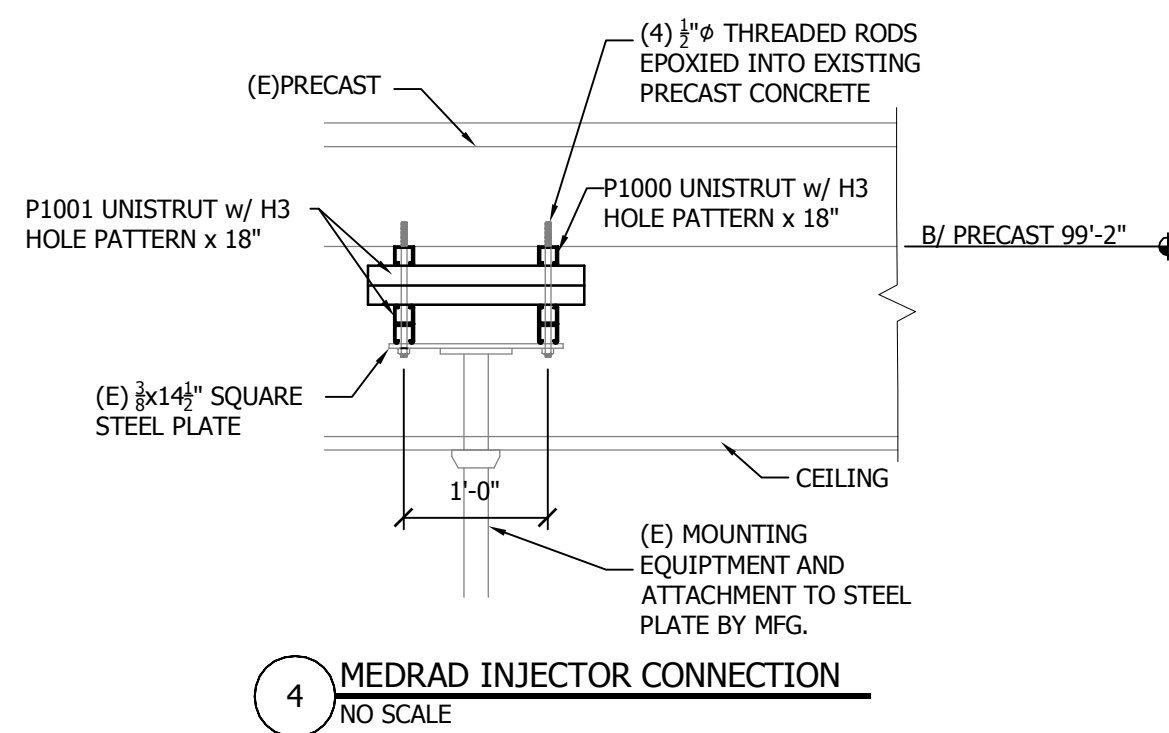
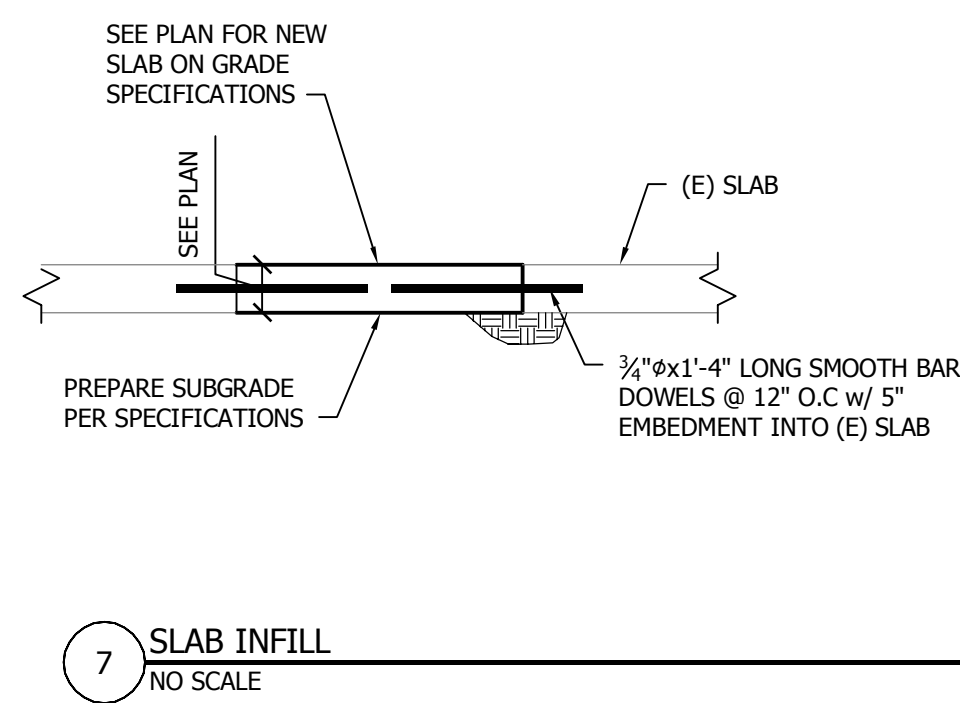
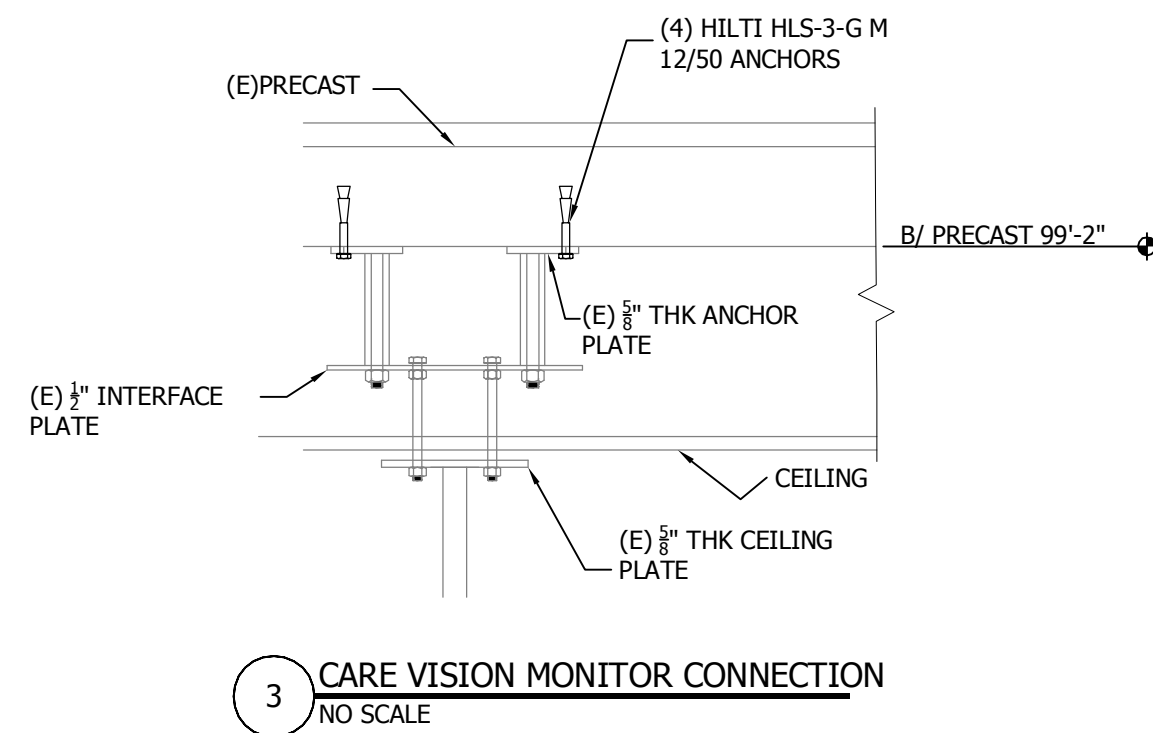
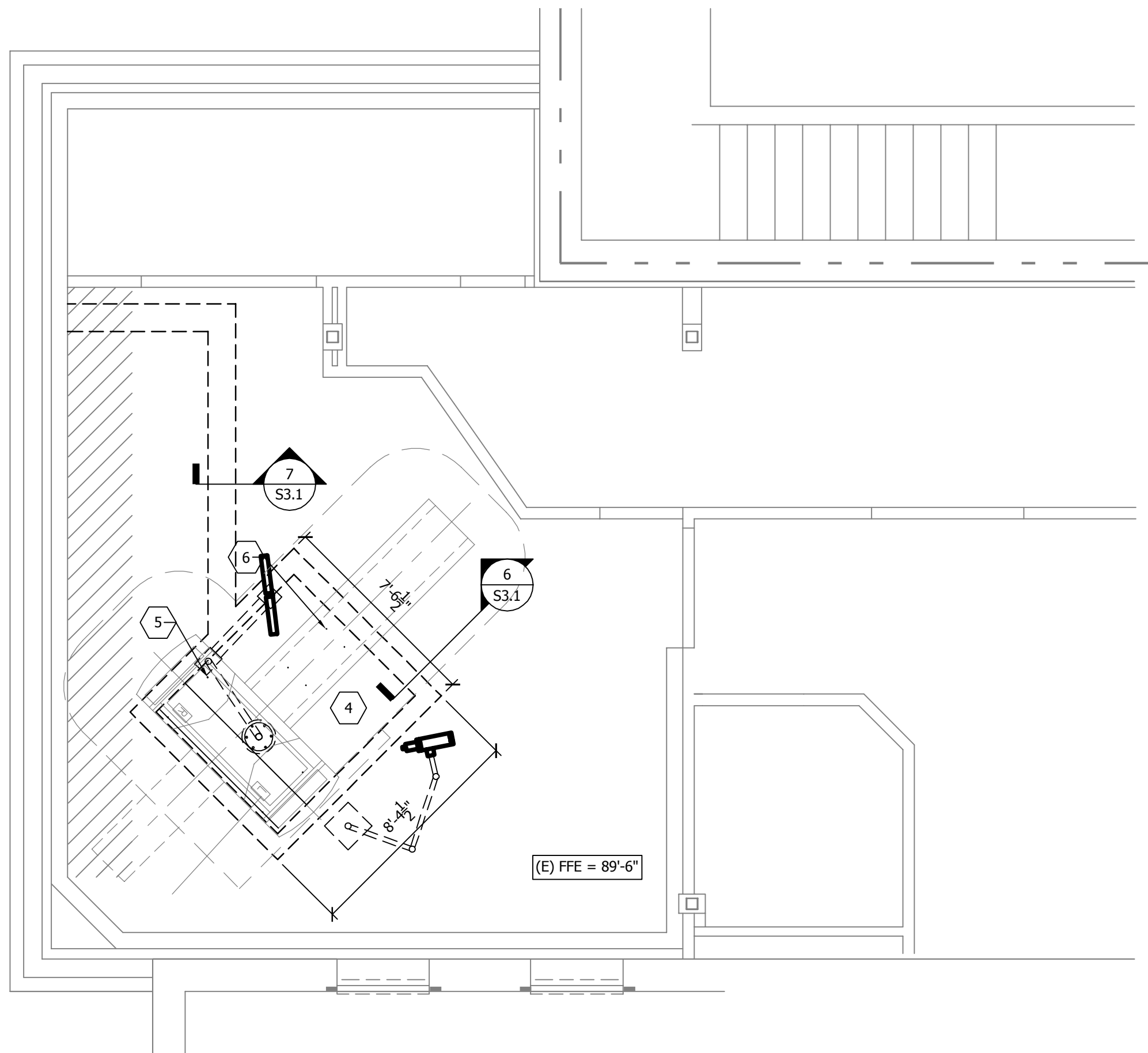
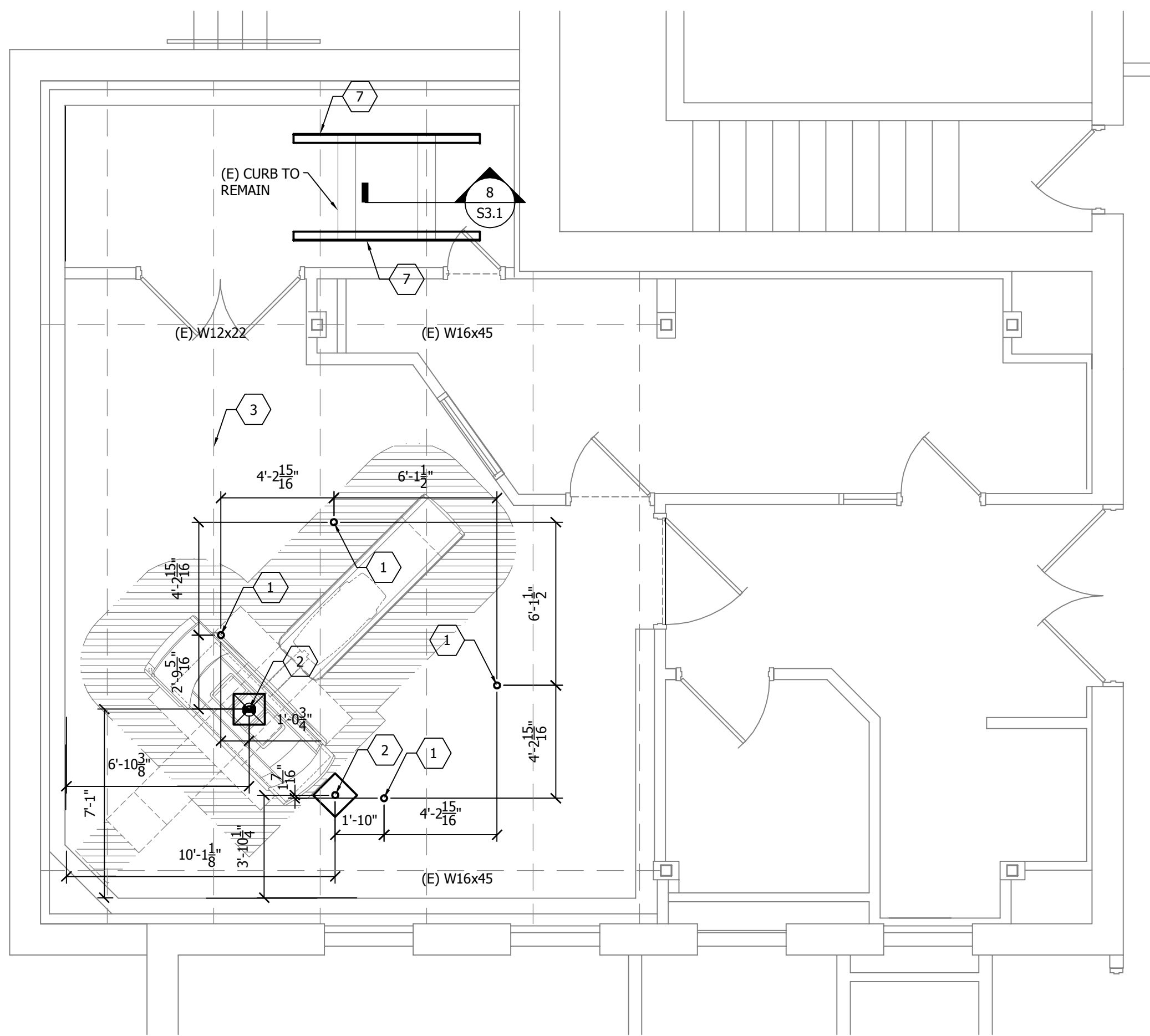


VAMC SAINT
CLOUD
MN

100% CONSTRUCTION DOCUMENTS - FOR CONSTRUCTION



three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
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PLAN NOTES

1. REFER TO SHEET S0.1 FOR GENERAL NOTES AND SPECIFICATIONS.
2. REFER TO SHEET S2.1 FOR TYPICAL FRAMING DETAILS.
3. ALL EXISTING INFORMATION SHOWN WAS BASED UPON EXISTING DRAWINGS DATED SEPTEMBER 2007. CONTRACTOR SHALL VERIFY THESE CONDITIONS PRIOR TO CONSTRUCTION.

KEYNOTES

1. HOYER LIFT BRACKETS TO CEILING BY CERTIFIED LIFT INSTALLER PER DETAIL 5/S2.1.
2. ATTACH ANCLARY EQUIPMENT TO CEILING PER 3/S2.1 AND 4/S2.1.
3. APPROXIMATE LOCATION OF 8" PRECAST PLANK JOINTS. CONTRACTOR TO CONFIRM LOCATIONS PRIOR TO CONSTRUCTION TO ENSURE PROPER ATTACHMENT CONDITIONS ARE MET.
4. 1'-0" THICK CONCRETE SLAB REINFORCED WITH #4 BARS @ 12" O.C. CENTERED IN SLAB.
5. (4) 3/8" EPOXY ANCHORS FOR GANTRY SUPPORT INTO NEW CONCRETE FOOTING w/ 6" EMBEDMENT.
6. (4) 3/8" EPOXY ANCHORS FOR PATIENT TABLE SUPPORT INTO NEW CONCRETE FOOTING w/ 6" EMBEDMENT.
7. 15x5x4" GALVANIZED SUPPORT 7'-6" LONG. ATTACHED TO EXISTING WOOD CURBS WITH 1/2"x4" LONG LAG SCREWS. COORDINATE LENGTH AND WIDTH WITH MECHANICAL CONTRACTOR.

100% CONSTRUCTION DOCUMENTS - FOR CONSTRUCTION

NO.	REVISION	DATE

VA FORM 08-6231

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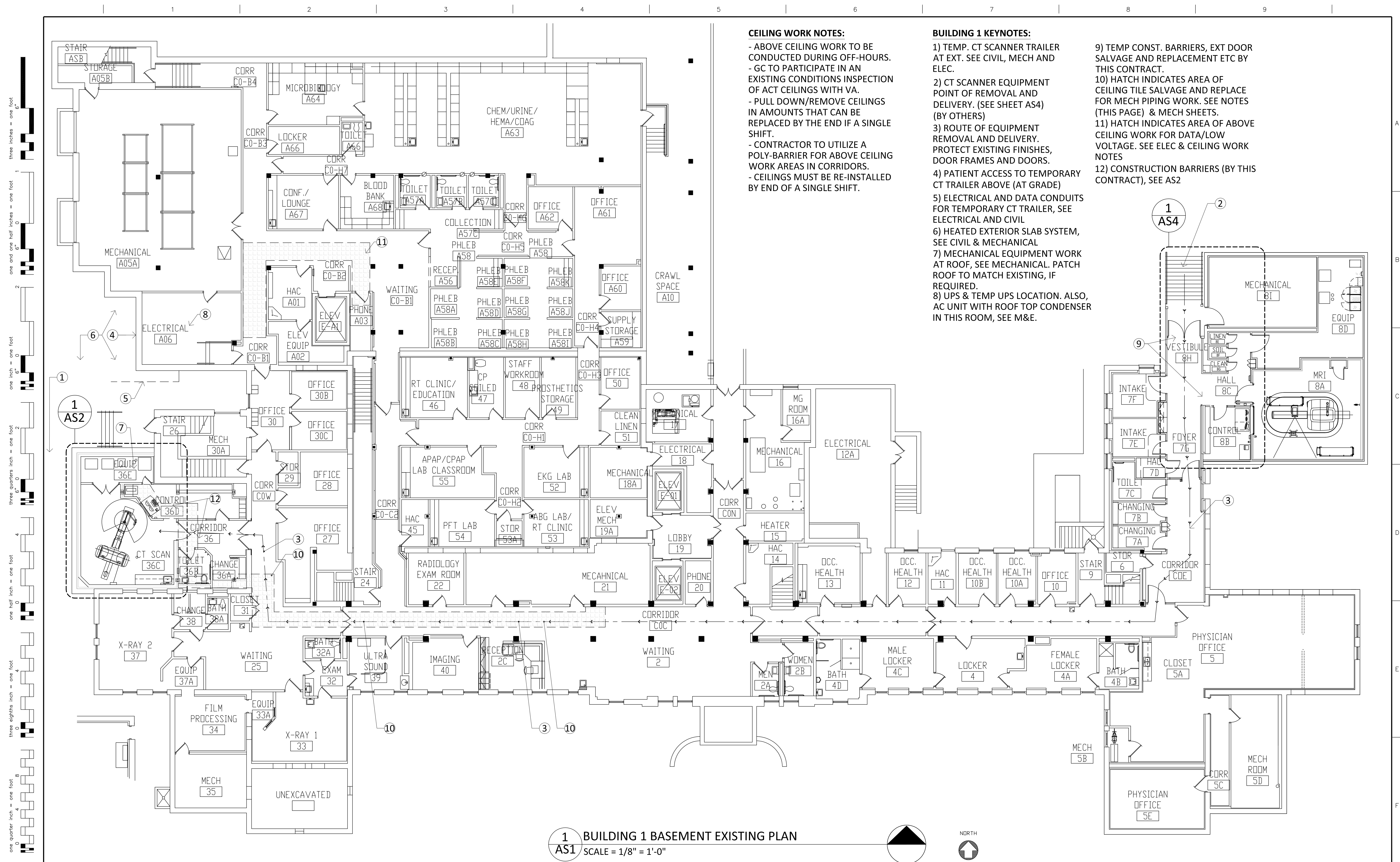
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MINNESOTA.
Date: 03-21-2016
JLG ARCHITECTS, P.C.
JLG ARCHITECTS, P.C.
JLG ARCHITECTS, P.C.

SHOWN TITLE	FRAMING PLAN
PROJECT TITLE	REMODEL SITE FOR UPGRADED CT SCANNER
BUILDING NO.	01
CHECKED BY	JAN
DESIGNED BY	JSM
LOCATION	V/A MEDICAL CENTER ST. CLOUD, MN 56309

DATE	03/21/2016
PROJECT NO.	656-15-036
NO. TIE	
DRAWING NO.	S21

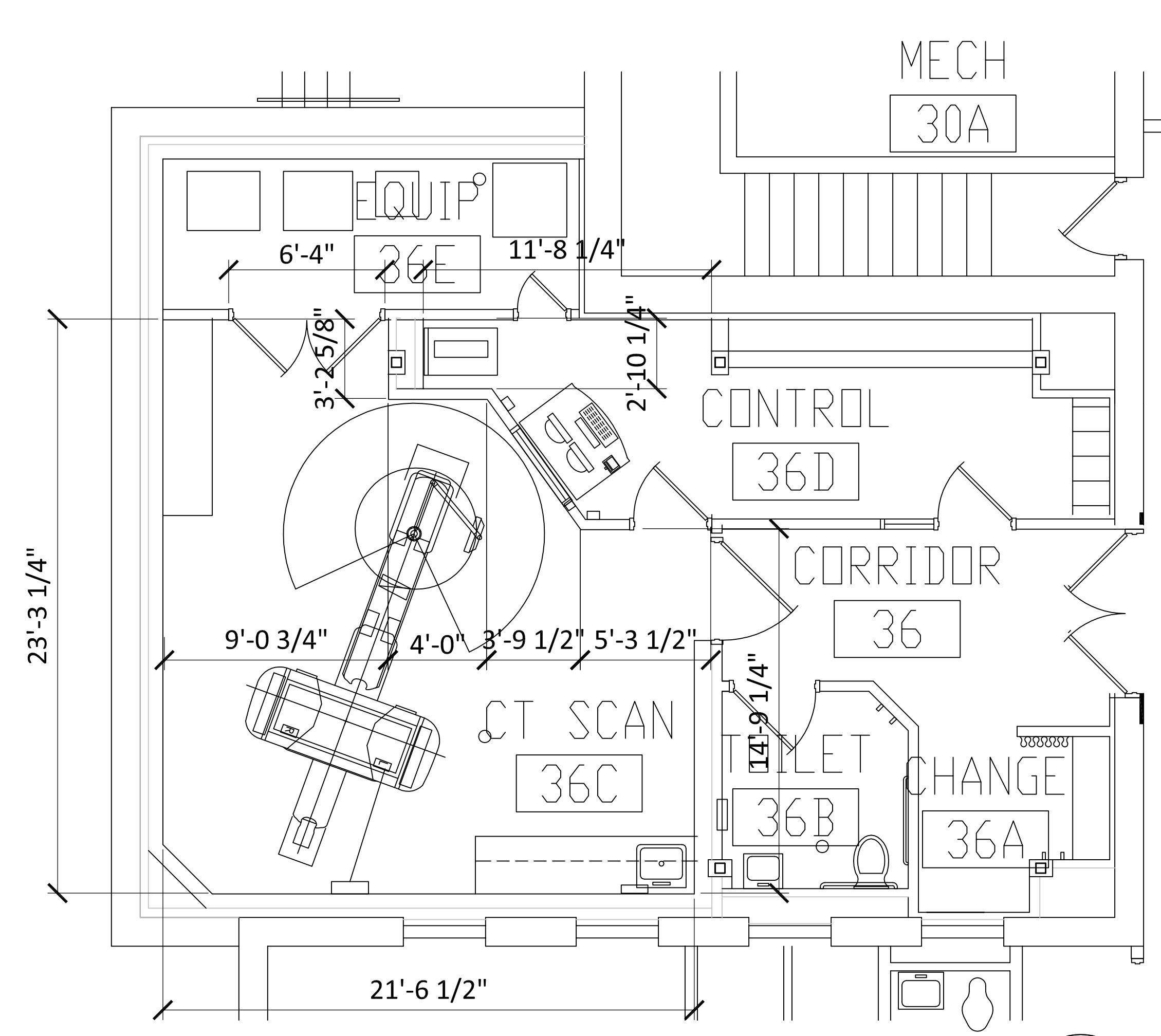
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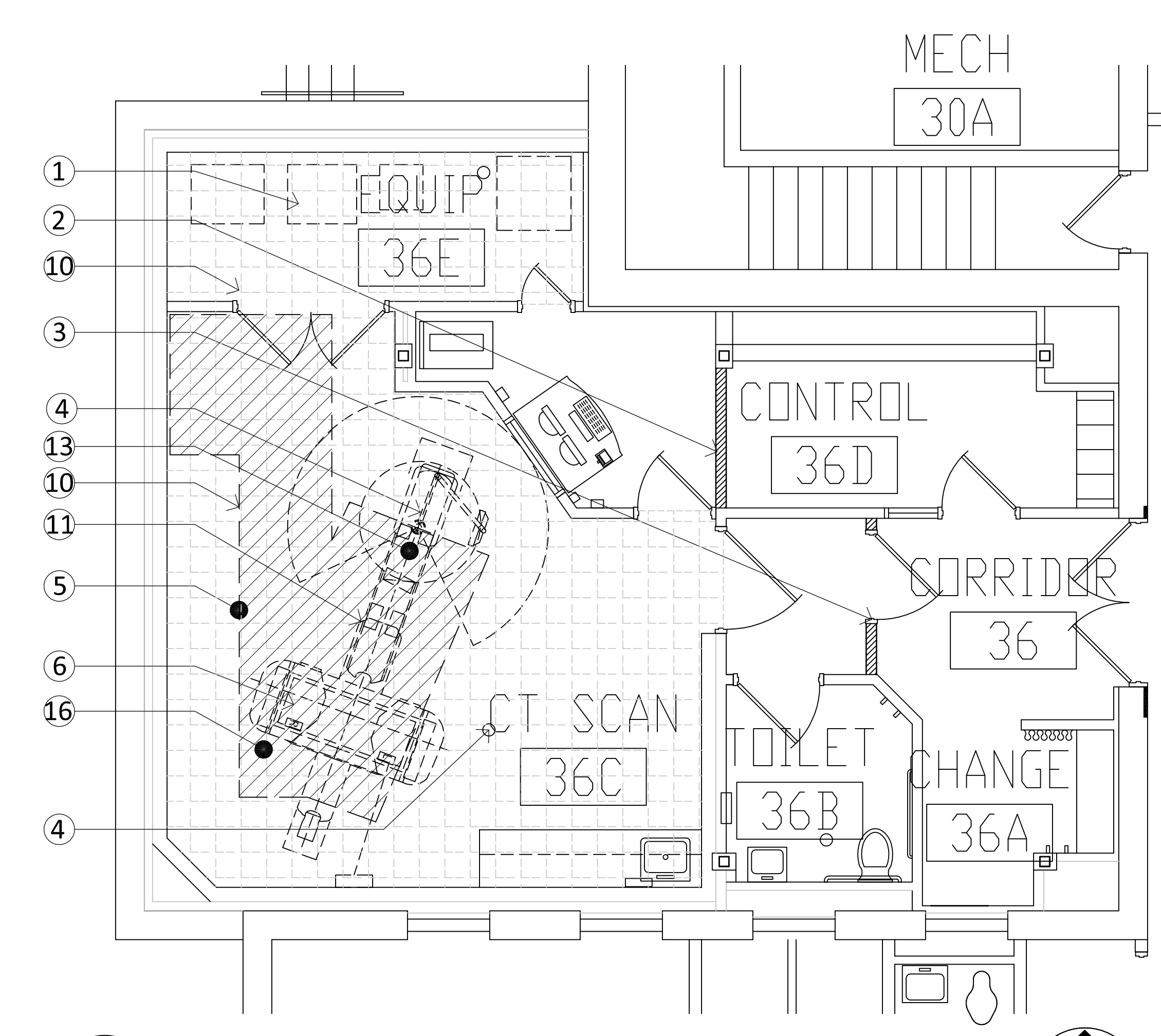
1 BUILDING 1 BASEMENT EXISTING PLAN
AS1 SCALE = 1/8" = 1'-0"

100% CONSTRUCTION DOCUMENTS - FOR CONSTRUCTION

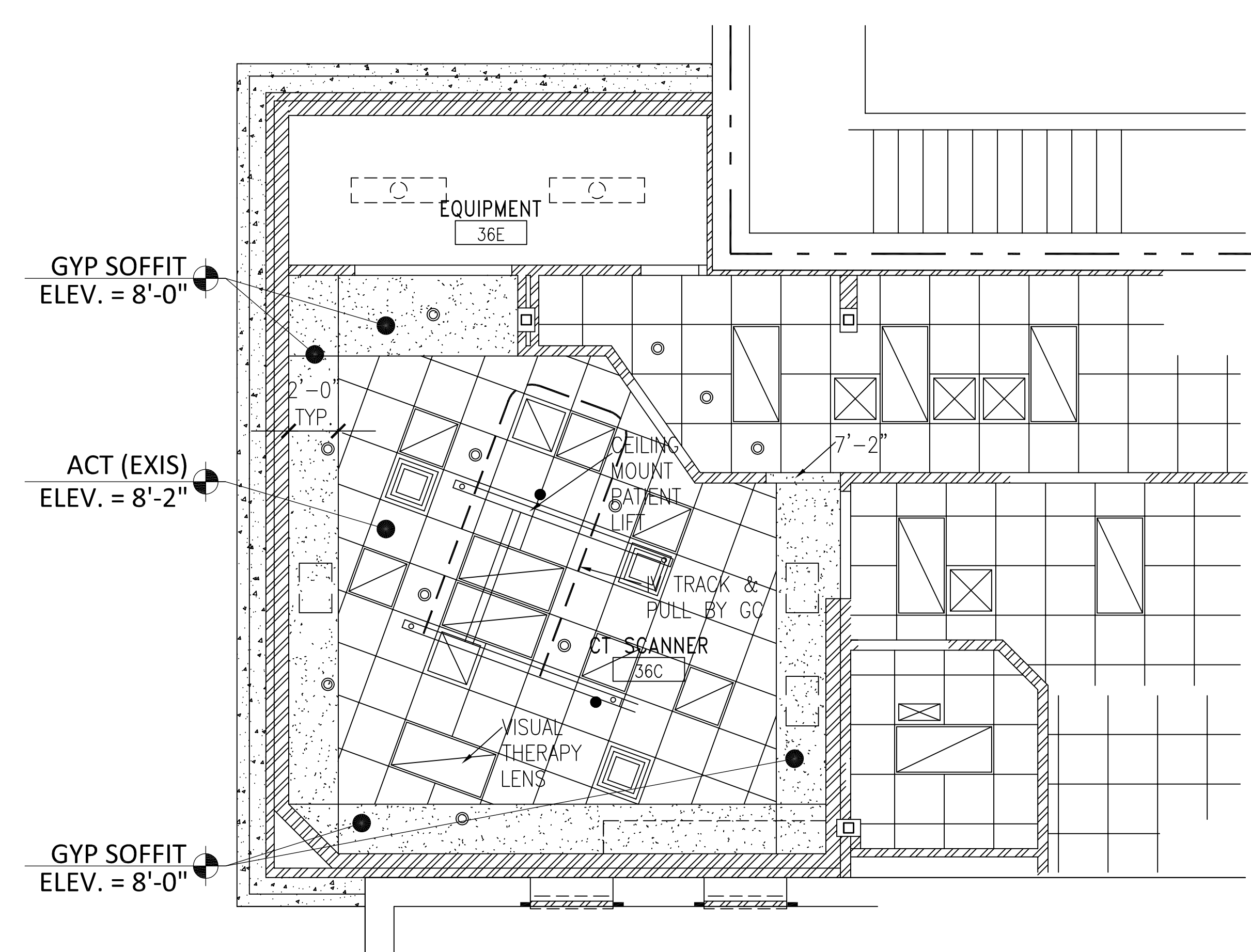
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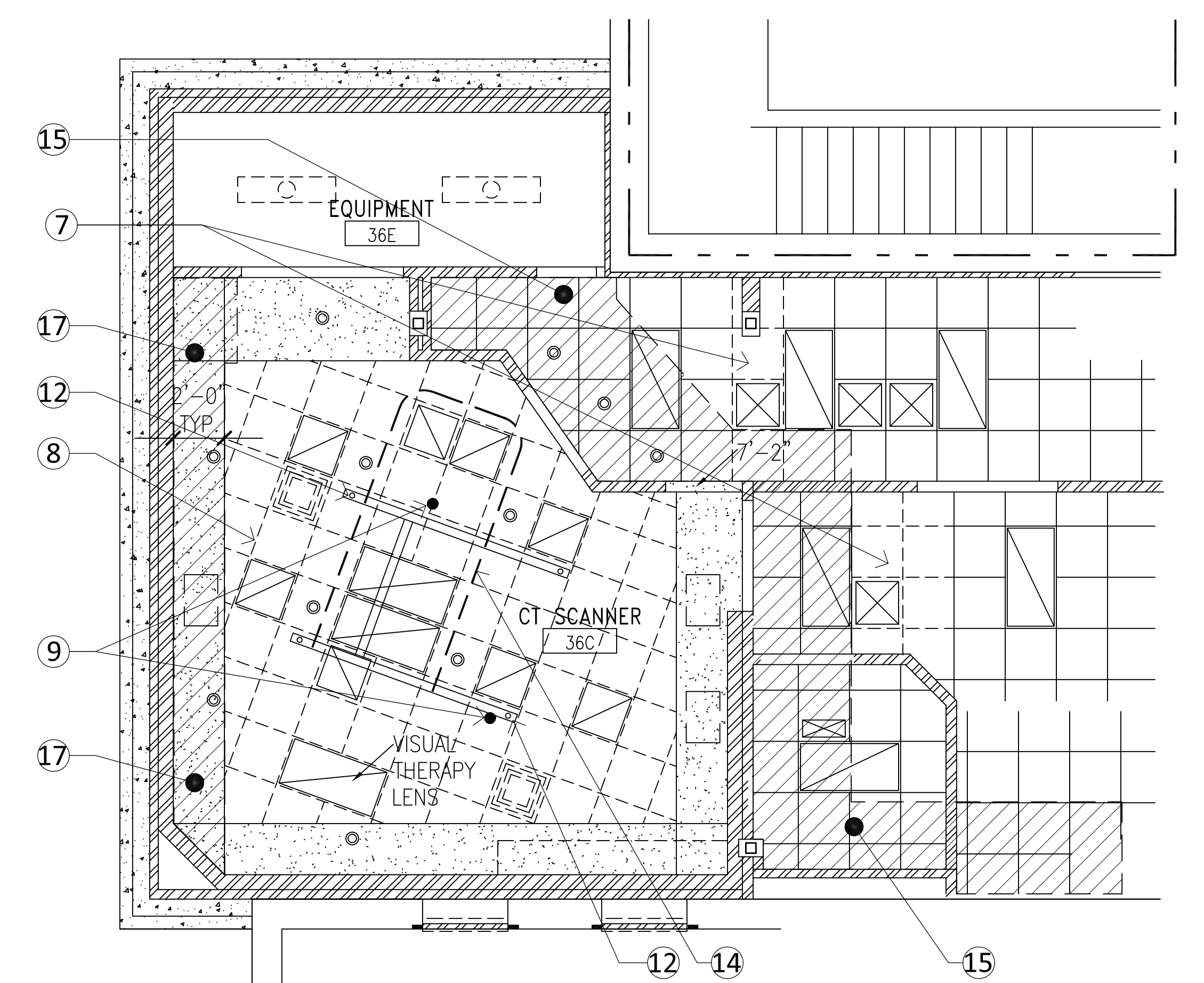
1 ENLARGED EXISTING PLAN
AS2 SCALE = 1/4" = 1'-0"



2 ENLARGED DEMO PLAN
AS2 SCALE = 1/4" = 1'-0"



3 ENLARGED EXISTING REFLECTED CEILING PLAN
AS2 SCALE = 1/4" = 1'-0"



4 ENLARGED DEMO REFLECTED CEILING PLAN
AS2 SCALE = 1/4" = 1'-0"

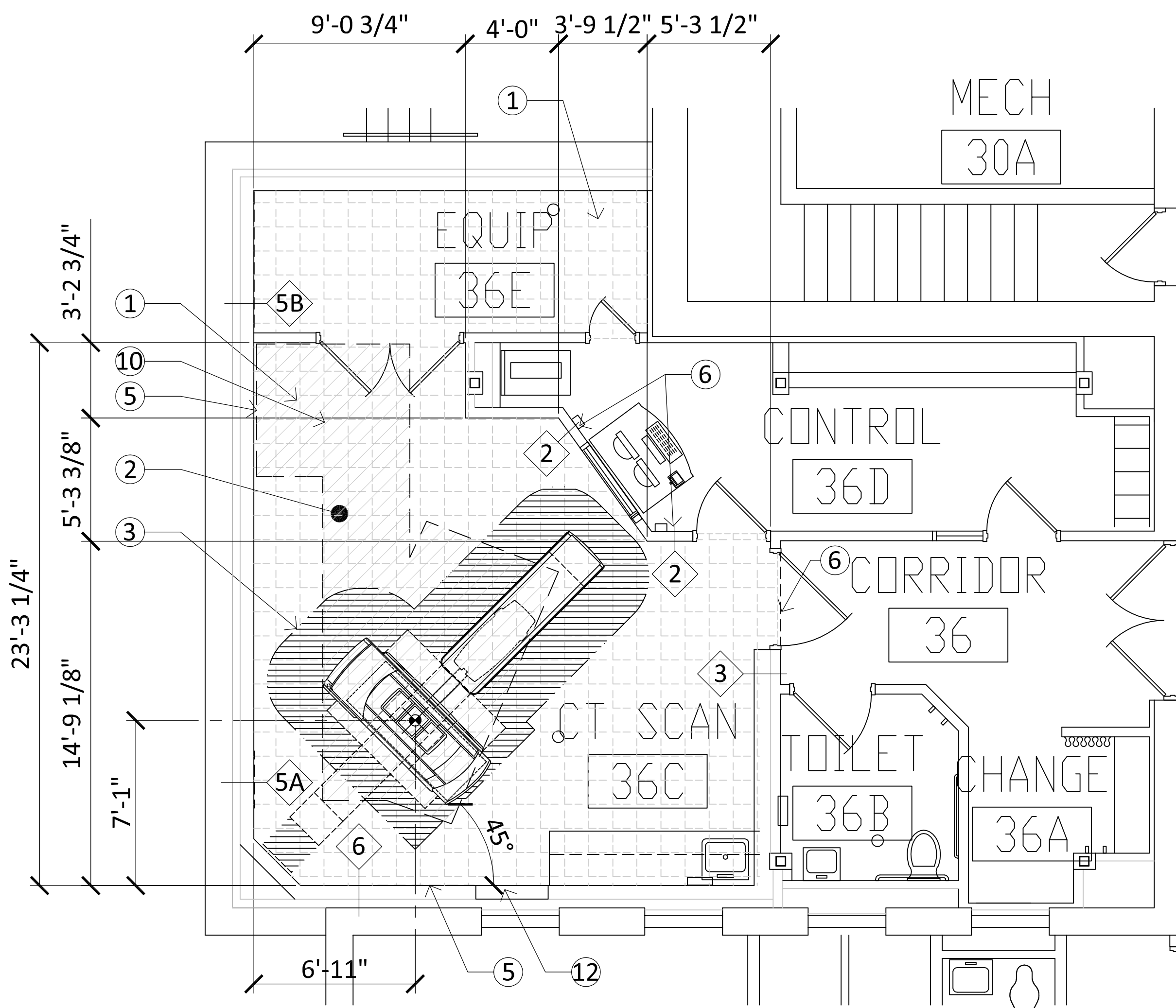
DEMO KEYNOTES:

- 1) DEMO EXISTING EQUIPMENT FROM EQUIPMENT ROOM (SEE MECH & ELEC)
- 2) TEMPORARY CONSTRUCTION BARRIER (TO UNDERSIDE OF DECK ABOVE)
- 3) TEMPORARY CONSTRUCTION BARRIER (TO UNDERSIDE OF DECK ABOVE) W/42" DOOR AND FRAME
- 4) REMOVE EXISTING ARM MOUNTS (2)
- 5) REMOVE EXISTING VCT FLOORING IN CT SCAN ROOM 36C AND EQUIPMENT ROOM 35E FOR FLOOR PREP OF NEW EQUIPMENT
- 6) REMOVE EXISTING CT MACHINE (BY OTHERS)
- 7) REMOVE AND REPLACE ACT AND GRID AS REQUIRED FOR CONSTRUCTION BARRIER
- 8) REMOVE EXISTING DROP CEILING ACT & GRID, TEMPORARILY SUPPORT MECH & ELEC FIXTURES
- 9) REMOVE ARM AND MOUNT (BY OTHERS) AND ASSOCIATED STRUCTURE AND BRACING (BY THIS CONTRACT)
- 10) AREA OF CONCRETE FLOOR TO BE REMOVED FOR ELECTRICAL CONDUITS & NEW CT SCANNER ANCHORING. COORDINATE WITH ELECTRICAL & STRUCTURAL.
- 11) CUT EXISTING ANCHOR BOLTS FLUSH AND GRIND SMOOTH TO FLOOR. IF NOT REMOVED.
- 12) CEILING MOUNT PATIENT LIFT. DISASSEMBLE AND SALVAGE FOR RE-INSTALLATION. MOUNTING BRACKETS WILL ALSO NEED TO BE REPOSITIONED/REPLACED (SEE STRUCTURAL DETAILS)
- 13) CONCRETE FLOOR MUST BE LEVEL WITHIN 3/8" MAX. DEVIATION IN THE AREA AROUND THE GANTRY BASE AND PATIENT TABLE BASE. GENERAL CONTRACTOR TO VERIFY AND LEVEL FLOOR AS REQUIRED TO MEET CT MANUFACTURER STANDARDS.
- 14) I.V. TRACK AND PULL TO BE DEMOLISHED BY GENERAL CONTRACTOR AND SALVAGED FOR RE-USE.
- 15) SEE NOTE #10 SHEET AS1 FOR CEILING SALVAGE & REPLACEMENT.
- 16) NOTE THAT THICKER SLAB CONDITION MAY EXIST IN AREA OF EXISTING/REMOVED CT SCANNER.
- 17) AREA OF EXISTING SOFFIT TO BE REMOVED FOR MECH WORK.

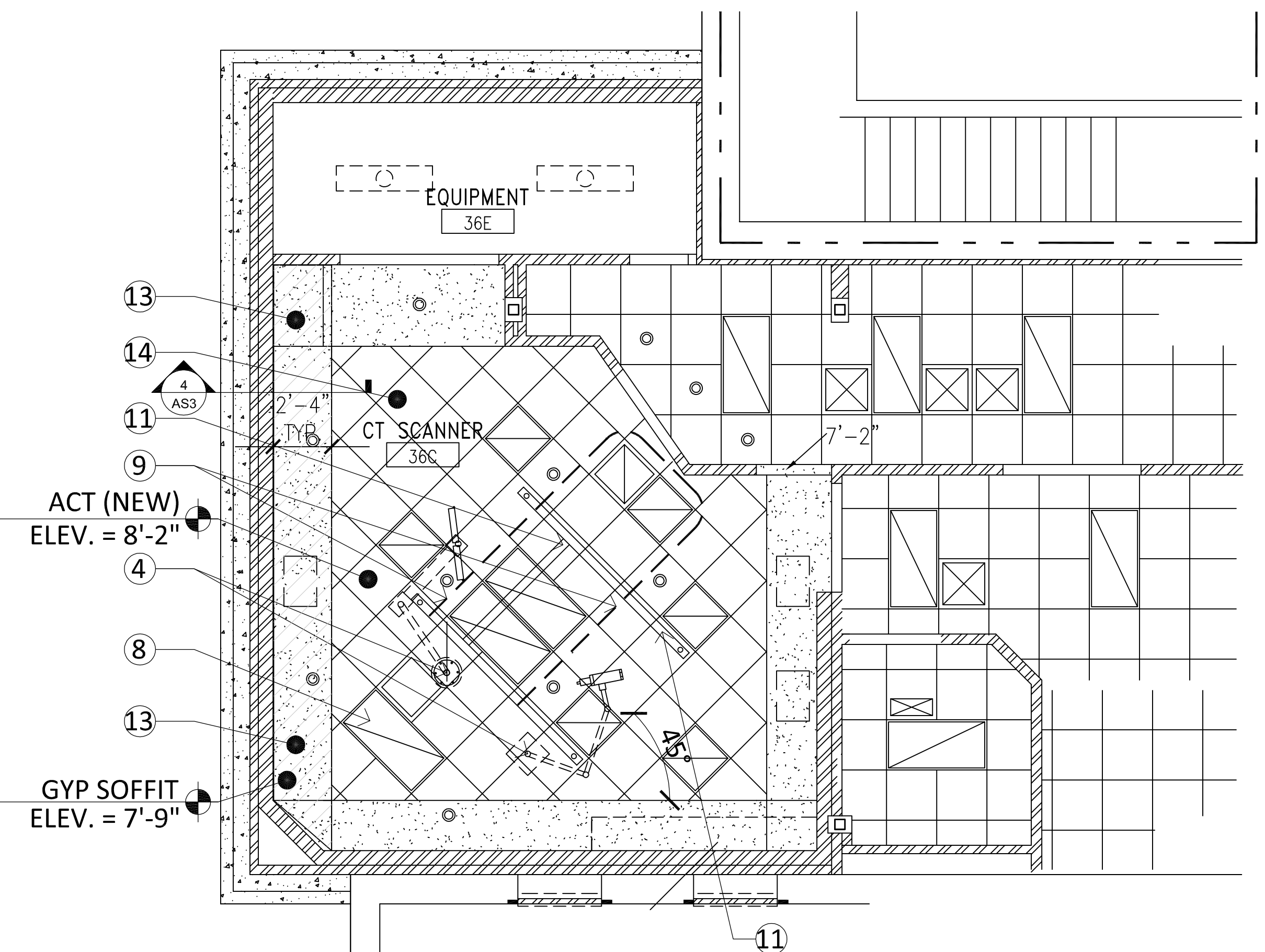
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JLG architects		Alexandria 525 Broadway Street Alexandria, MN 56308 phone 320.759.9030 facsimile 320.759.9062 www.jlgarchitects.com copyright © 2016		<small>STAMP HERE: I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY THE OR UNDER MY DIRECT SUPERVISION, AND THAT I AM A LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.</small> DANIEL J. MILLER, AIA REG. NO. 458511 DATE: 09-21-2016		DRAWING TITLE CT SCAN ENLARGED PLAN EXIST		PROJECT TITLE REMODEL SITE FOR UPGRADE CT SCANNER		DATE 03/21/2016 PROJECT SCALE PROJECT NO. 656-15-836 BUILDING NO. 01 CHECKED BY D.J.M. DRAWN A.L.V. CAD FILE DRAWING NO. AS2.dwg 2 of 4			
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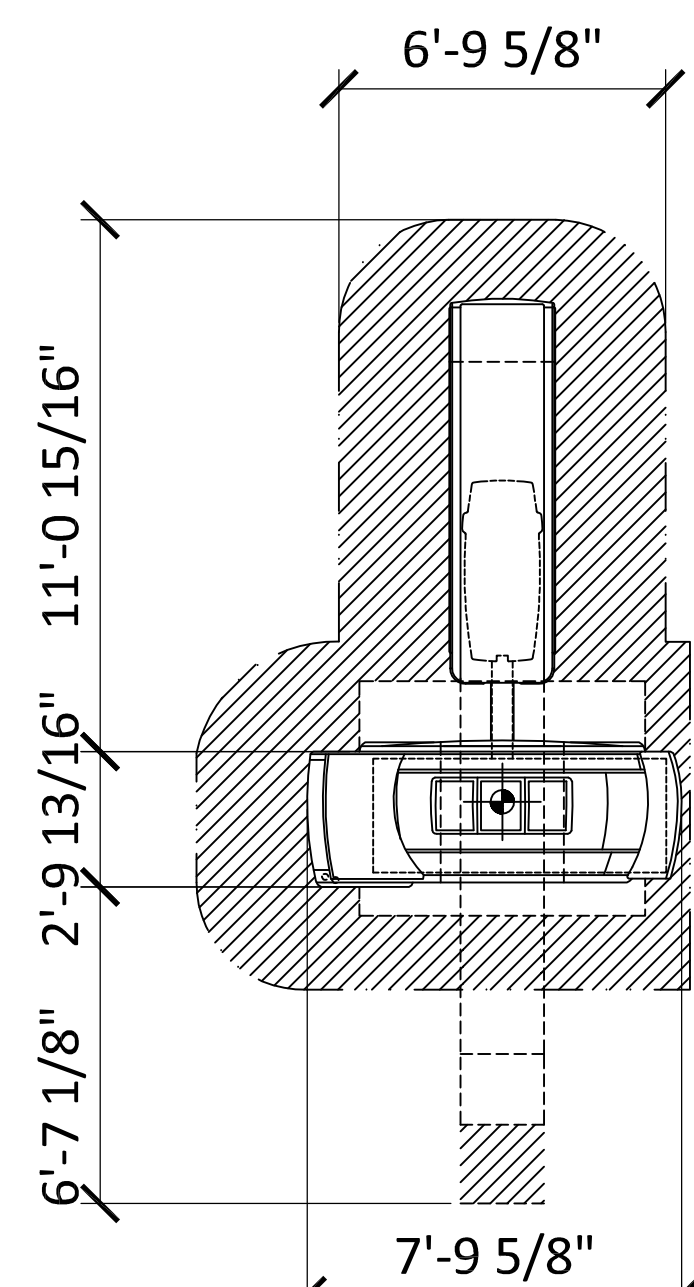
1 ENLARGED NEW CT SCANNER PLAN
AS3 SCALE = 1/4" = 1'-0"



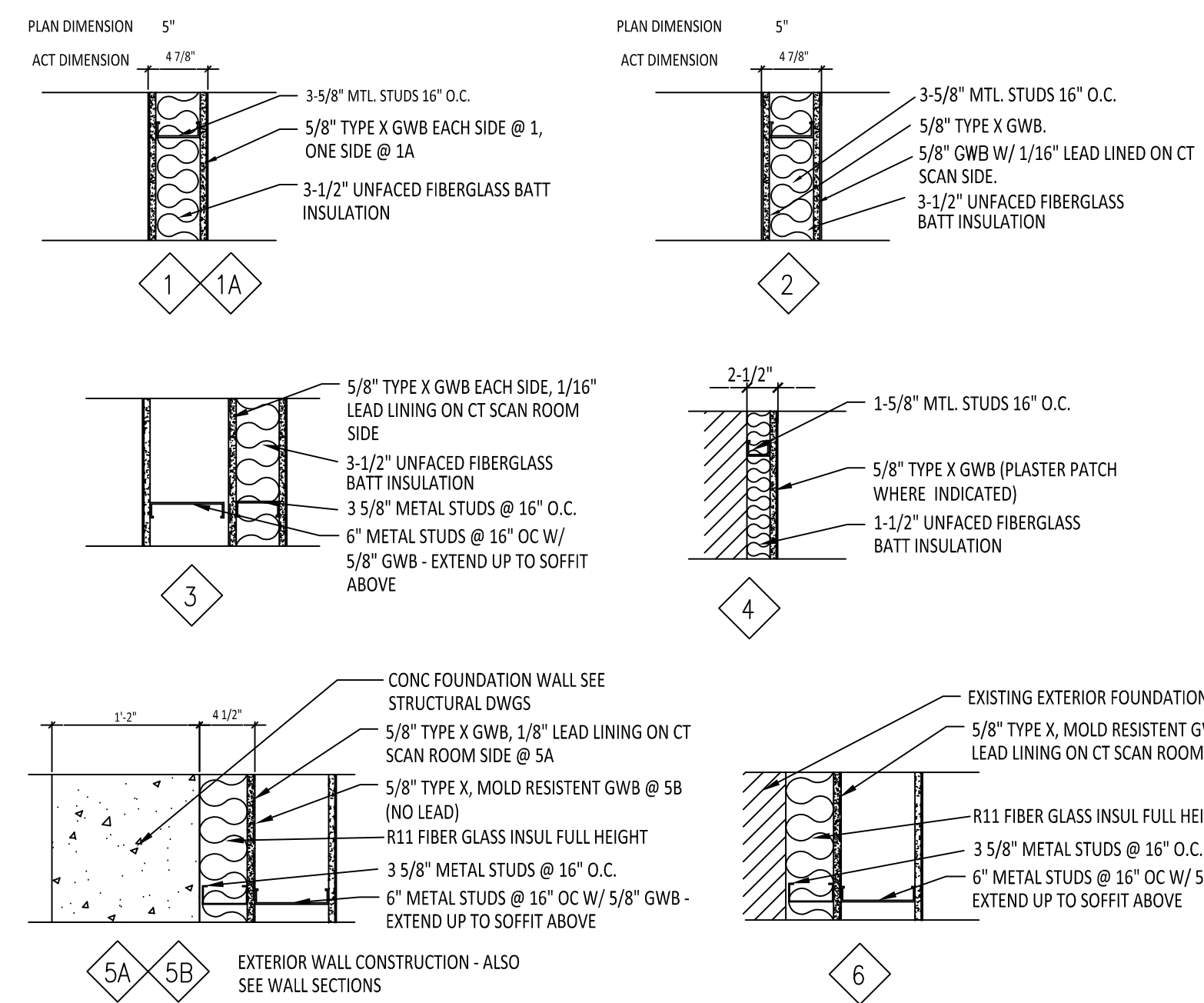
3 ENLARGED NEW REFLECTED CEILING PLAN
AS3 SCALE = 1/4" = 1'-0"

PLAN KEYNOTES:

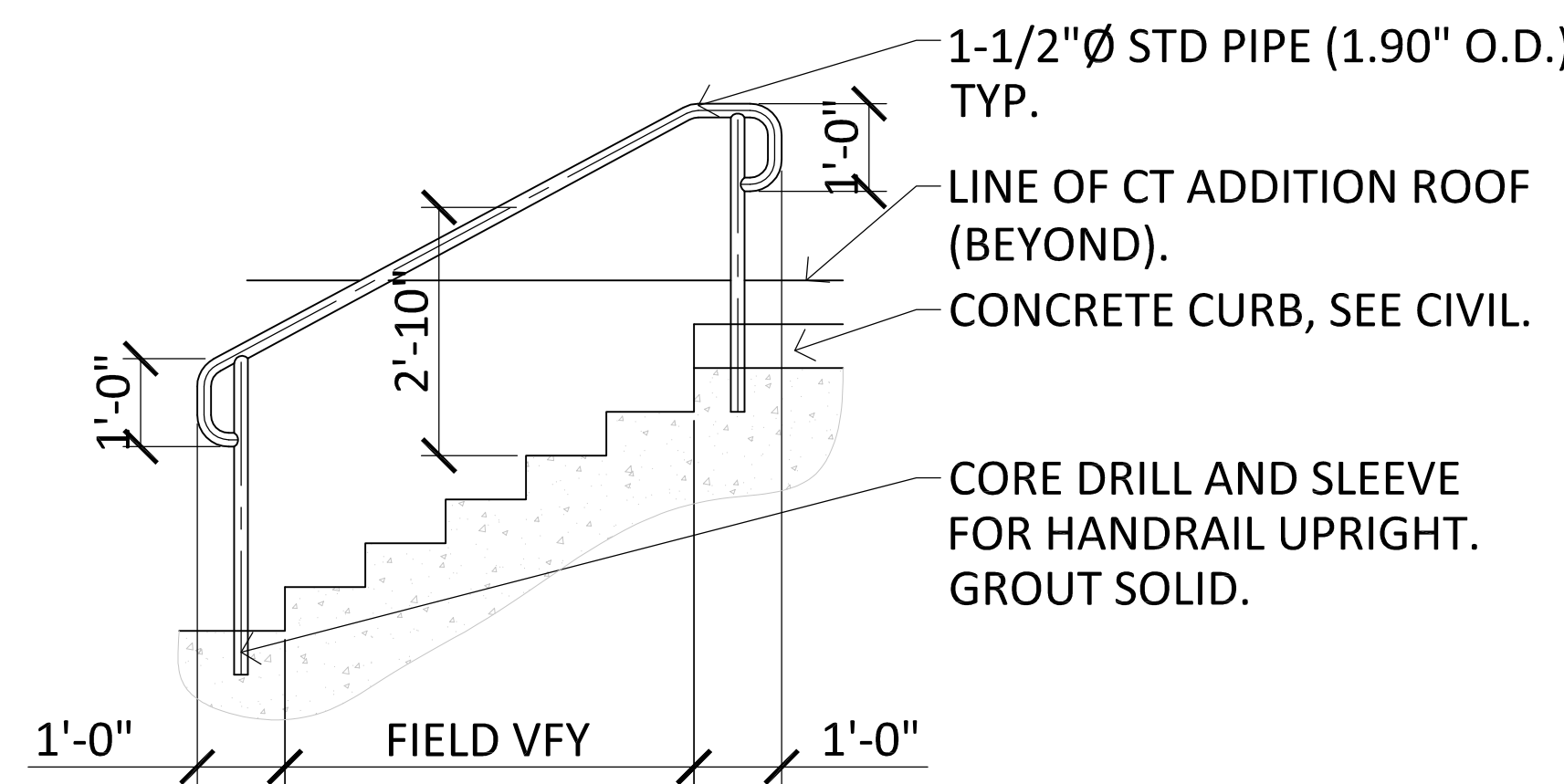
- 1) NEW EQUIPMENT IN EQUIPMENT ROOM (SEE MECH & ELEC)
- 2) INSTALL NEW VCT FLOOR TILE TO MATCH EXISTING. (36C & 36E)
- 3) SERVICE CLEARANCE (DASHED LINE AROUND CT SCANNER)
- 4) MOUNT AND BRACING FOR CONTROL ARMS, SEE STRUCTURAL
- 5) GYP WALL BOARD PATCHING REQUIRED AFTER ELECTRICAL WORK.
- 6) GYP WALL BOARD PATCHING REQUIRED AFTER ELECTRICAL WORK. ROUTE ELECTRICAL CONDUIT IF POSSIBLE TO NOT PUNCTURE CT ROOM SIDE. LEAD LINING (1/16") PATCH REQUIRED ON CT SIDE IF INTERRUPTED.
- 7) GYP WALL BOARD PATCHING REQUIRED AFTER ELECTRICAL WORK. ALSO, SEAL AND PATCH LEAD LINING (1/16") ON CT ROOM SIDE OF WALL.
- 8) VISUAL THERAPY LENSE.
- 9) I.V. TRACK AND PULL RE-INSTALLED BY GENERAL CONTRACTOR.
- 10) PATCH CONCRETE FLOOR, SEE STRUCTURAL FOR ADDITIONAL INFORMATION.
- 11) REINSTALL PATIENT LIFT SYSTEM. LIFT WILL NEED TO BE RE-CALIBRATED AND CERTIFIED BY MANUFACTURER, OR CERTIFIED TECHNICIAN GENERAL CONTRACTOR TO COORDINATE.
- 12) O2/AIR/VAC. STATION (INSTALL WITHIN 6" STUD SPACE OF WALL TYPE #6)
- 13) NEW GYP SOFFIT. SEE DETAIL 4/AS3, CORD W/M&E.
- 14) CT SCANNER ROOM GETS NEW CEILING GRID AND ACT, ALIGN GRID TO ANGLE OF NEW CT SCANNER EQUIPMENT



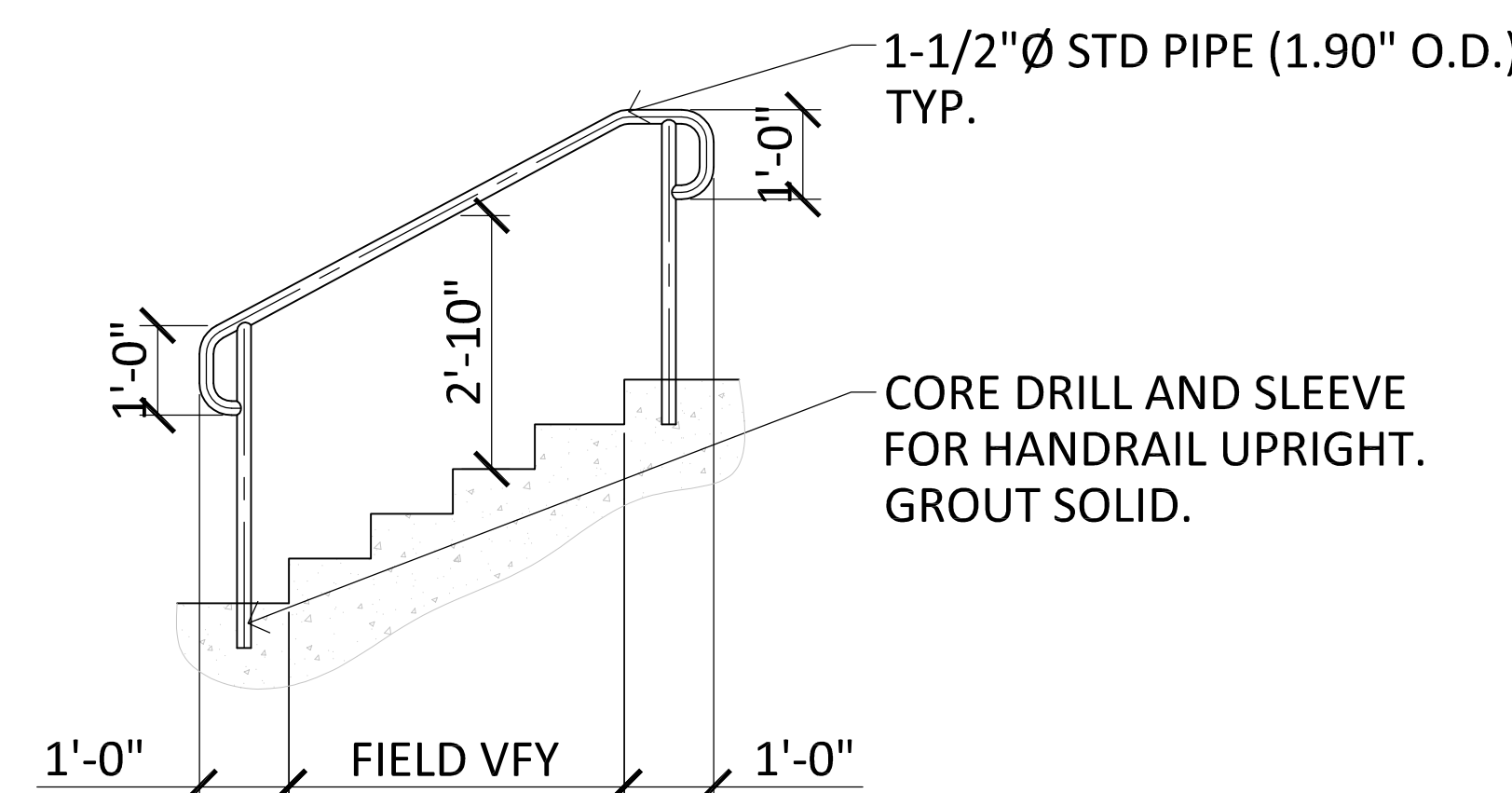
NEW SIEMENS CT SCAN MACHINE, REFERENCE MANUFACTURERS INFO PROVIDED TO VA AS PART OF PROJECT.



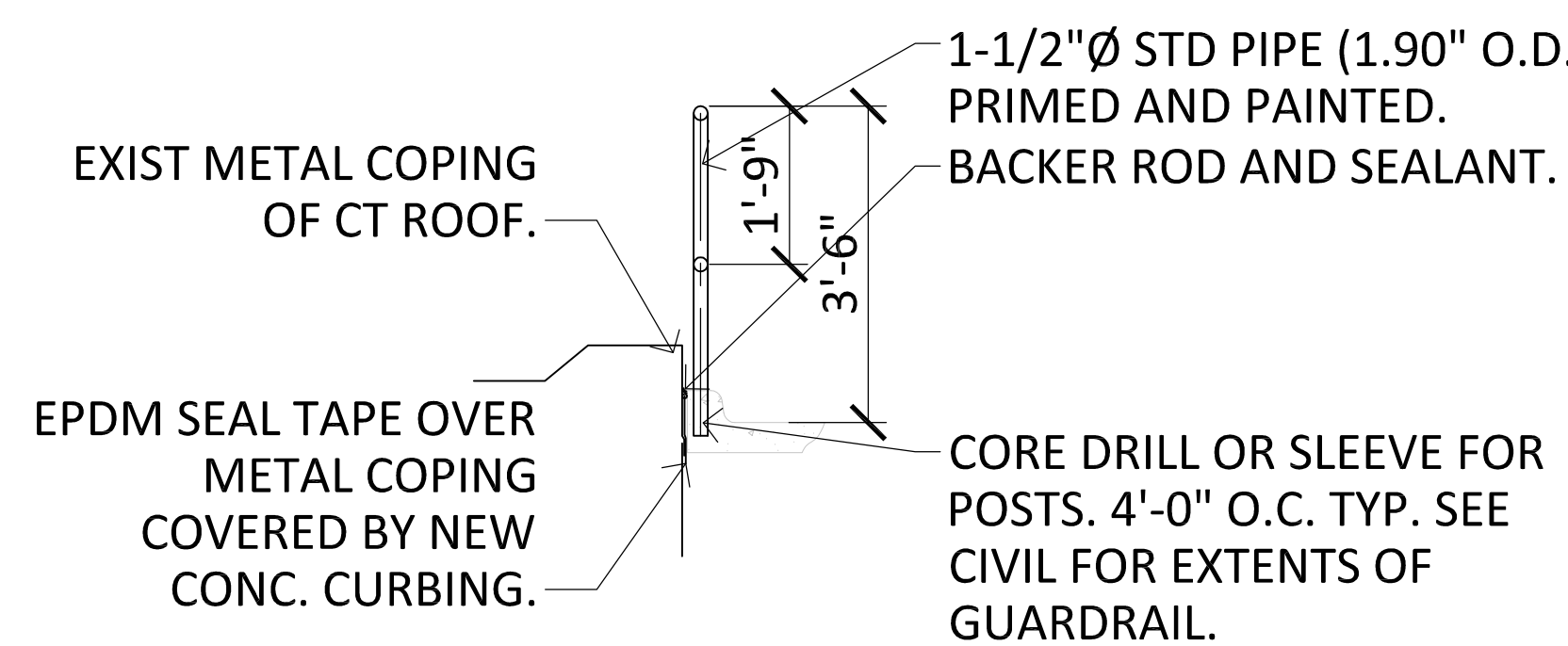
3 WALL TYPES
AS3 SCALE = 1" = 1'-0"



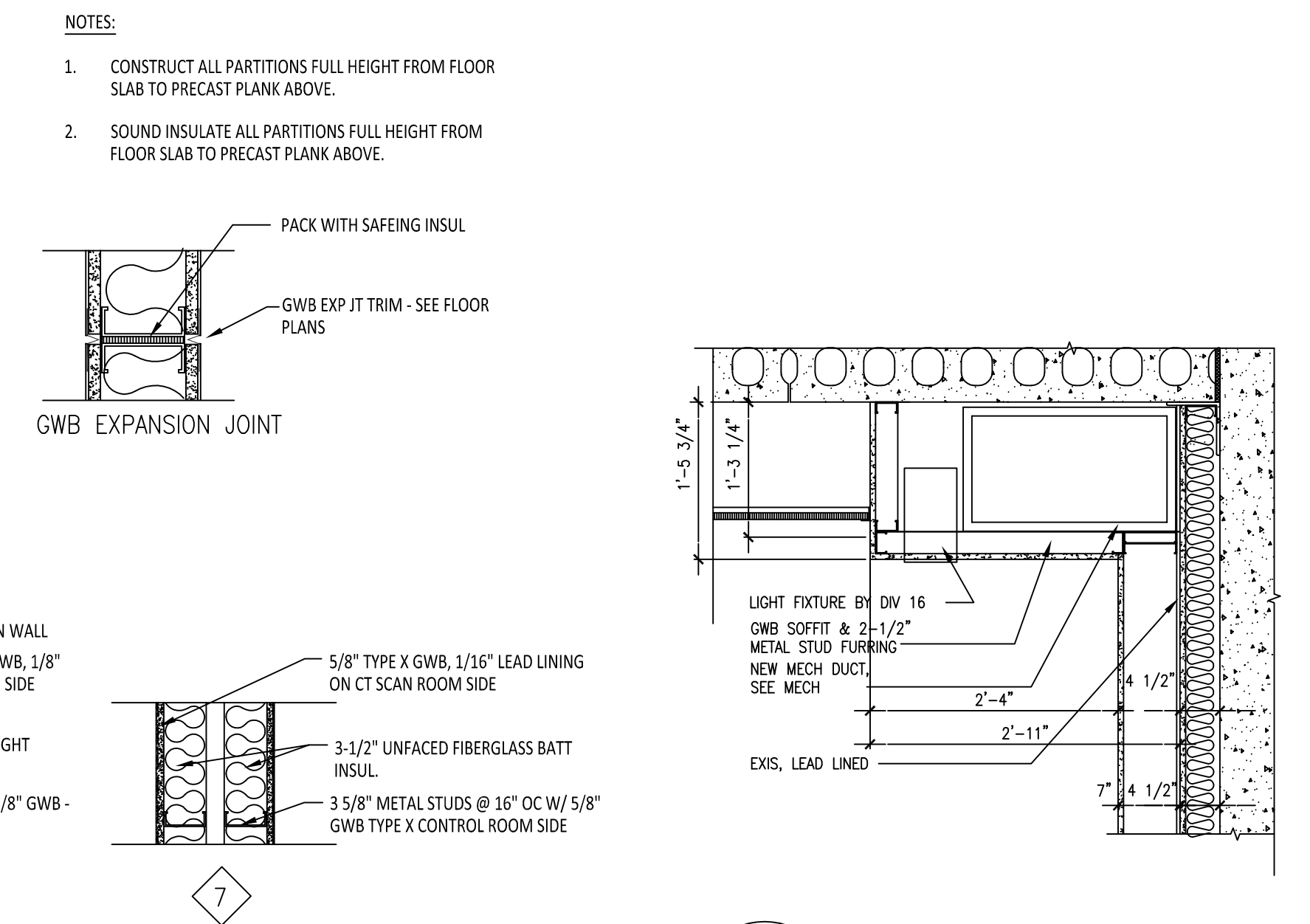
5 B1 EXT. STAIR, SOUTH
AS3 SCALE = 1/2" = 1'-0"



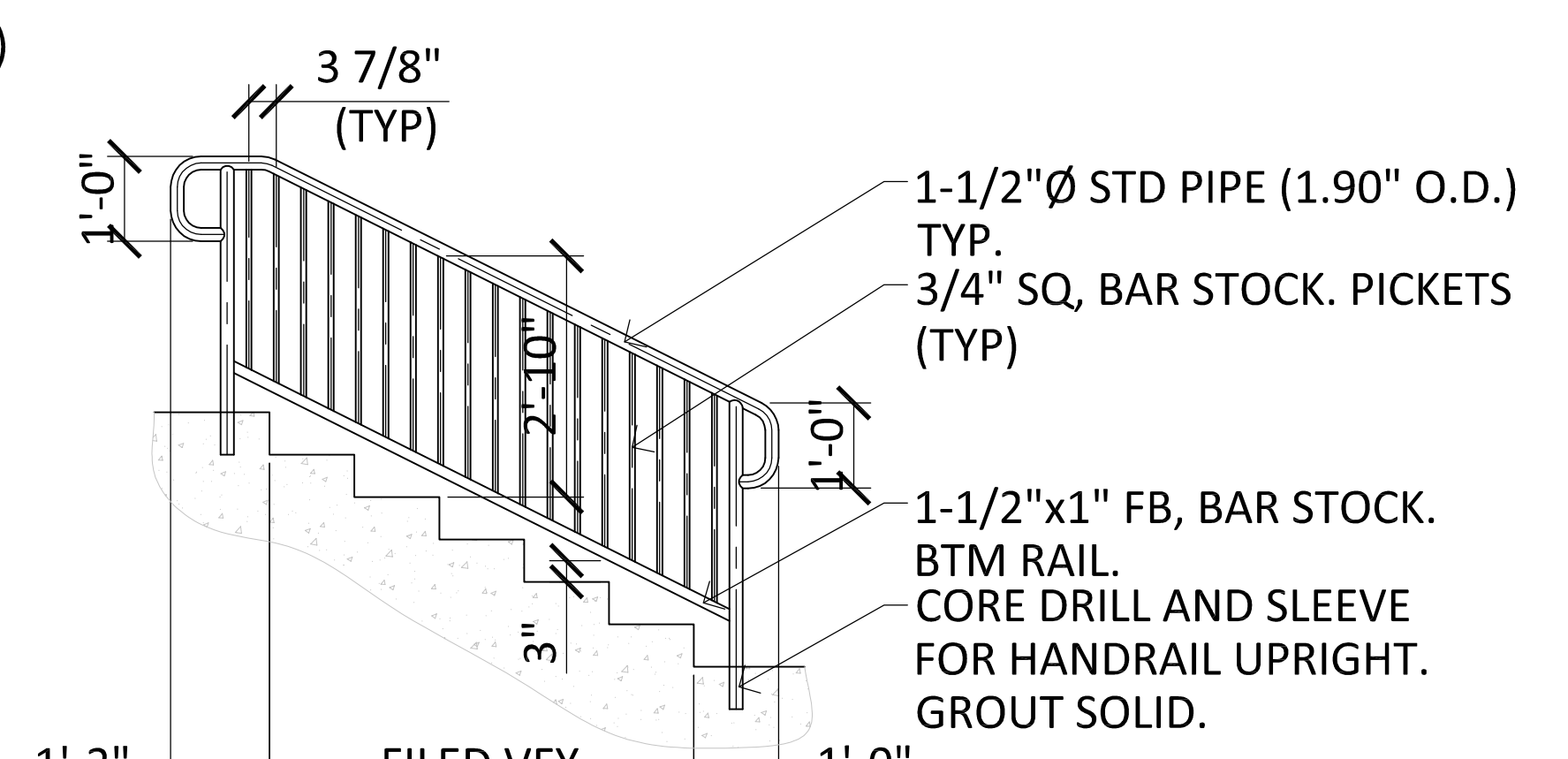
7 B3 EXT. HANDRAIL, NORTH
AS3 SCALE = 1/2" = 1'-0"



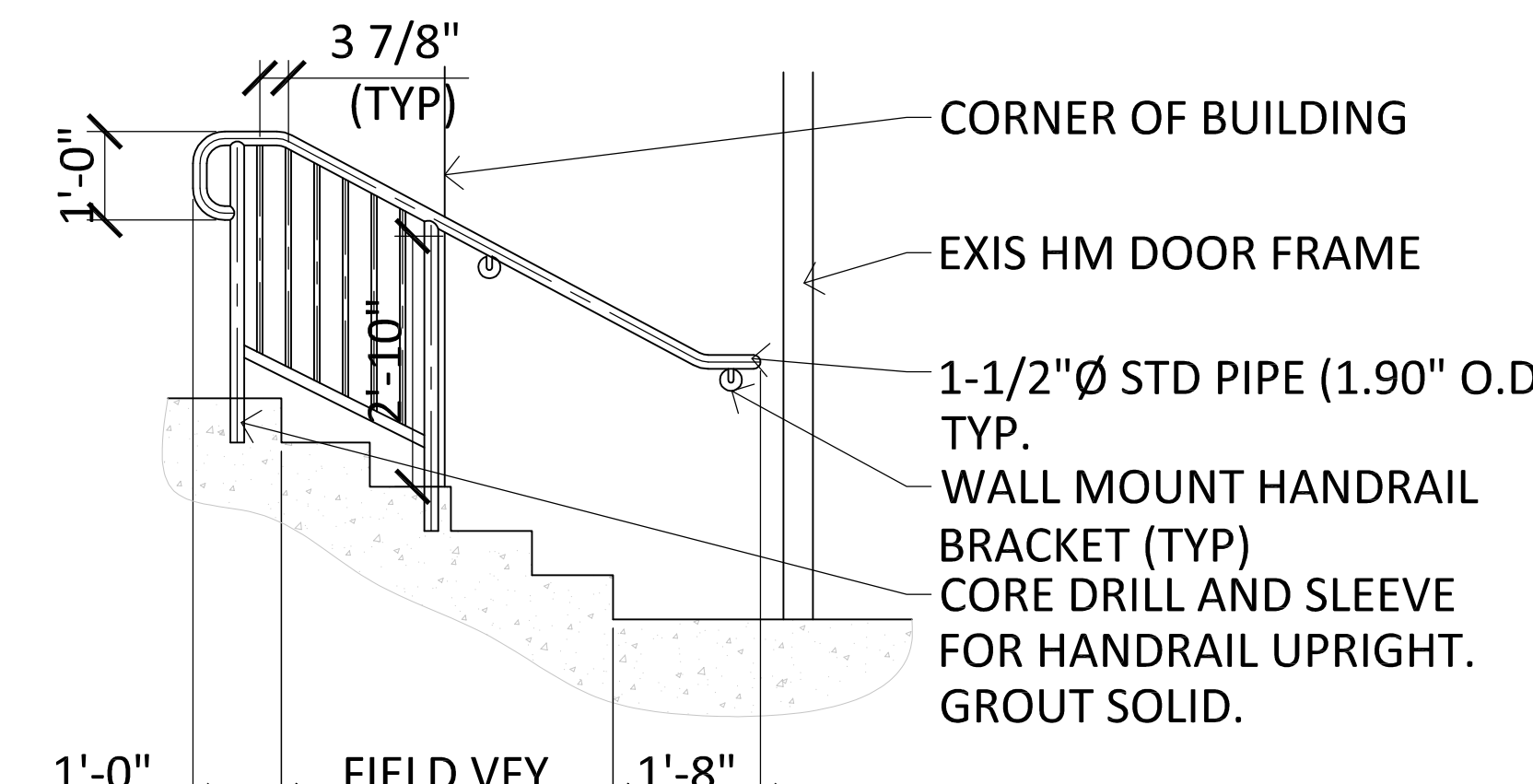
9 GUARDRAIL @ CT BUILDING ROOF AREA
AS3 SCALE = 1/2" = 1'-0"



4 WALL SECTION
AS3 SCALE = 3/4" = 1'-0"



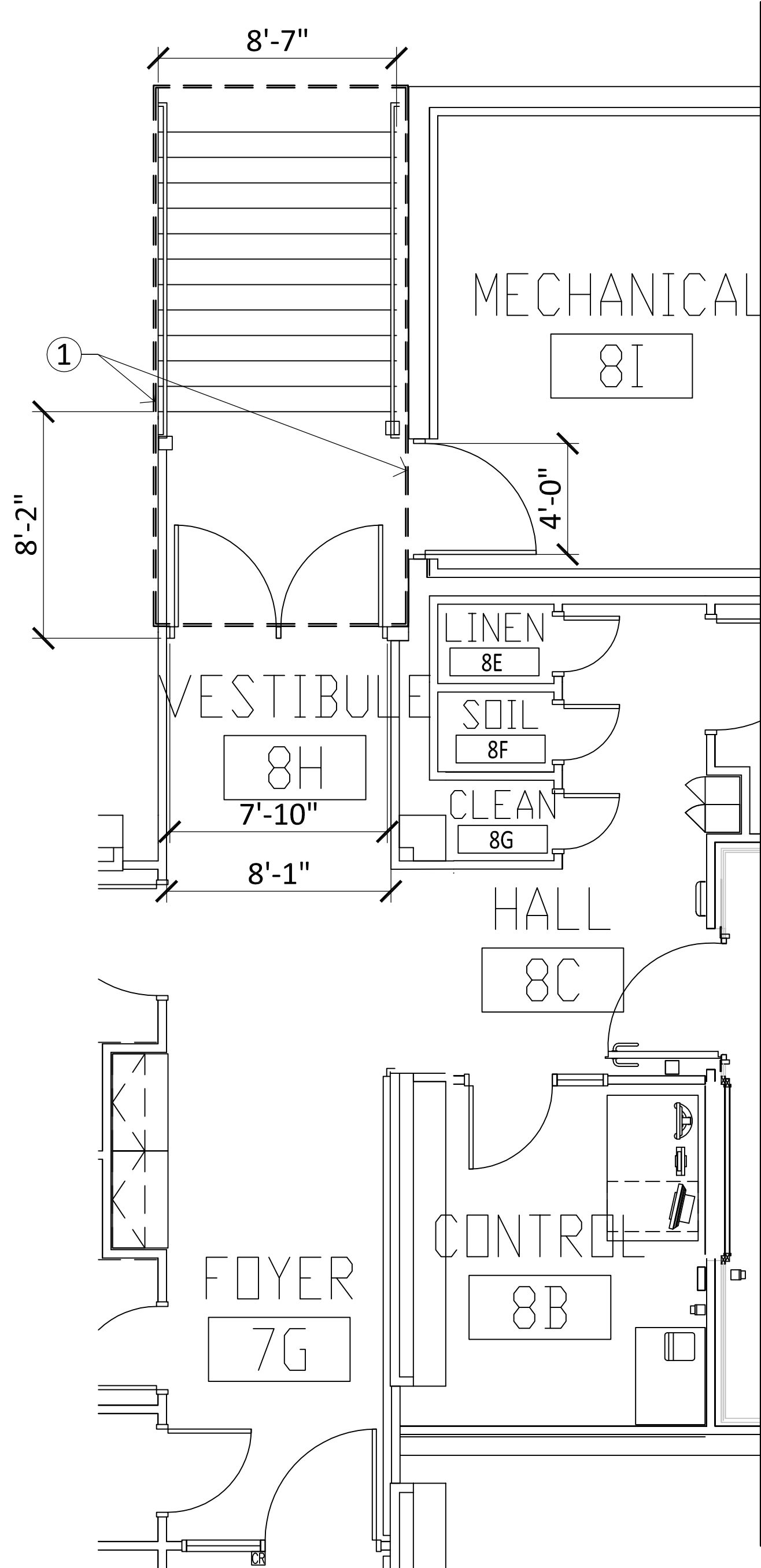
6 B1 EXT. STAIR, NORTH
AS3 SCALE = 1/2" = 1'-0"



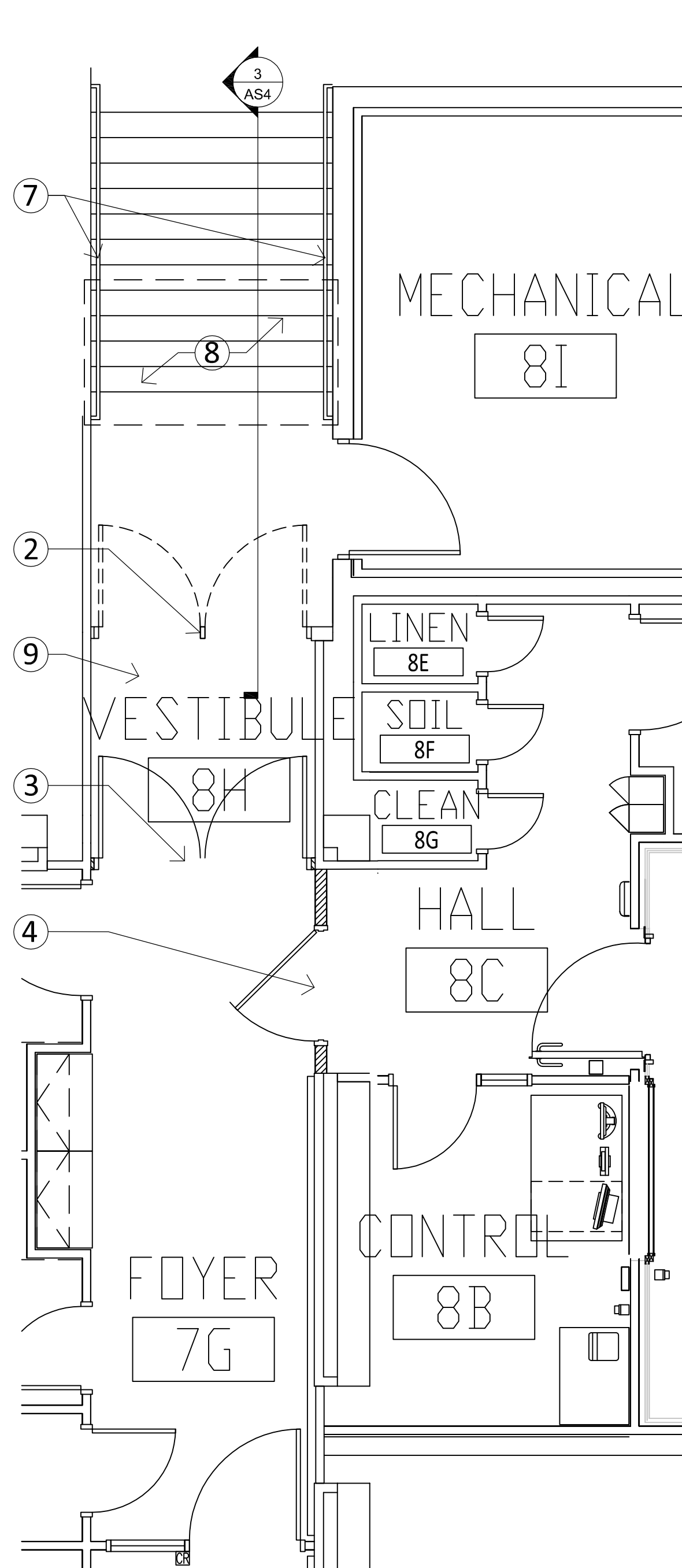
8 B3 EXT. HANDRAIL, SOUTH
AS3 SCALE = 1/2" = 1'-0"

NOTE: ALL RAILINGS TO BE SHOP PRIMED AND PAINTED.

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1 ENLARGED EXISTING PLAN
AS4 SCALE = 1/4" = 1'-0"



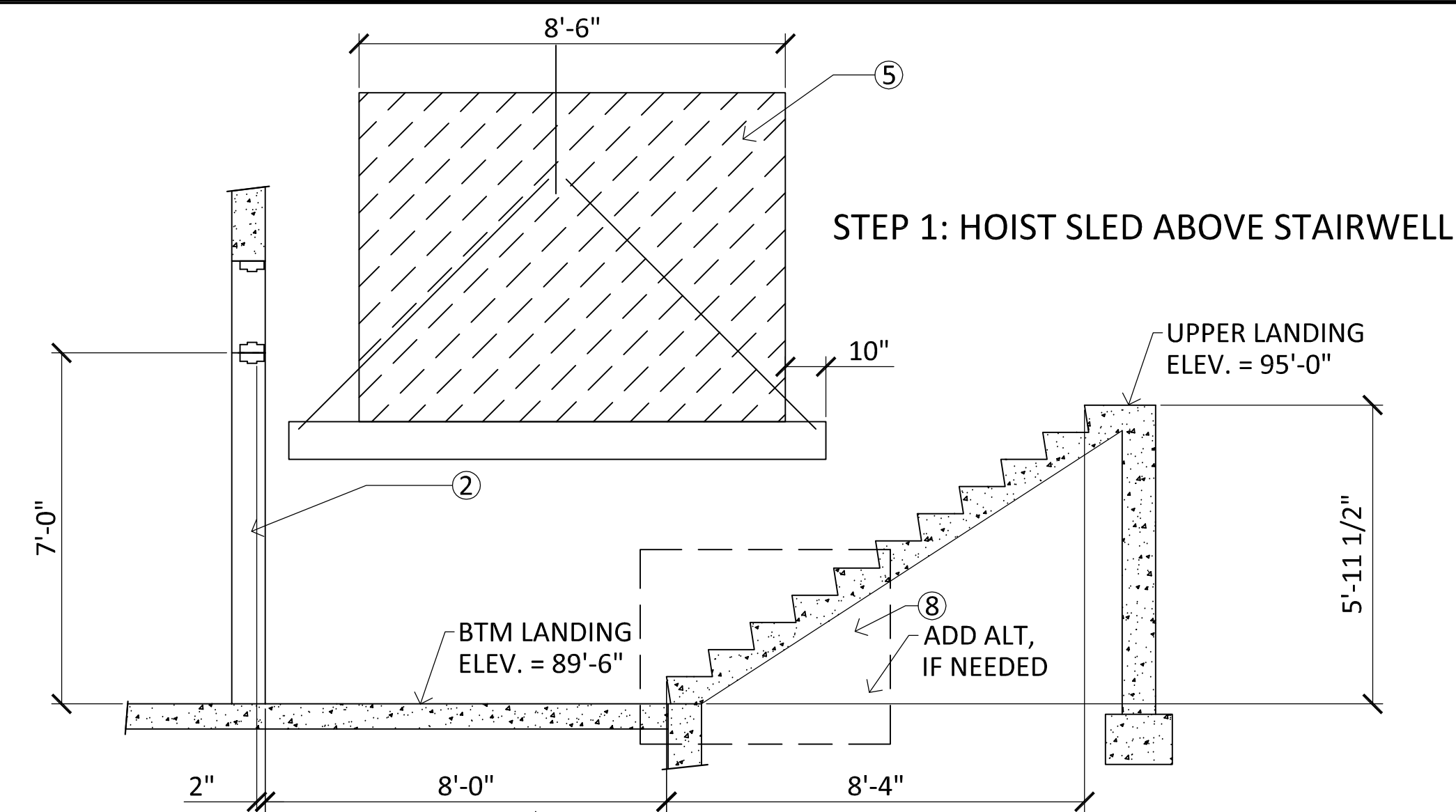
2 CONSTRUCTION PLAN
AS4 SCALE = 1/4" = 1'-0"

CONSTRUCTION KEYNOTES:

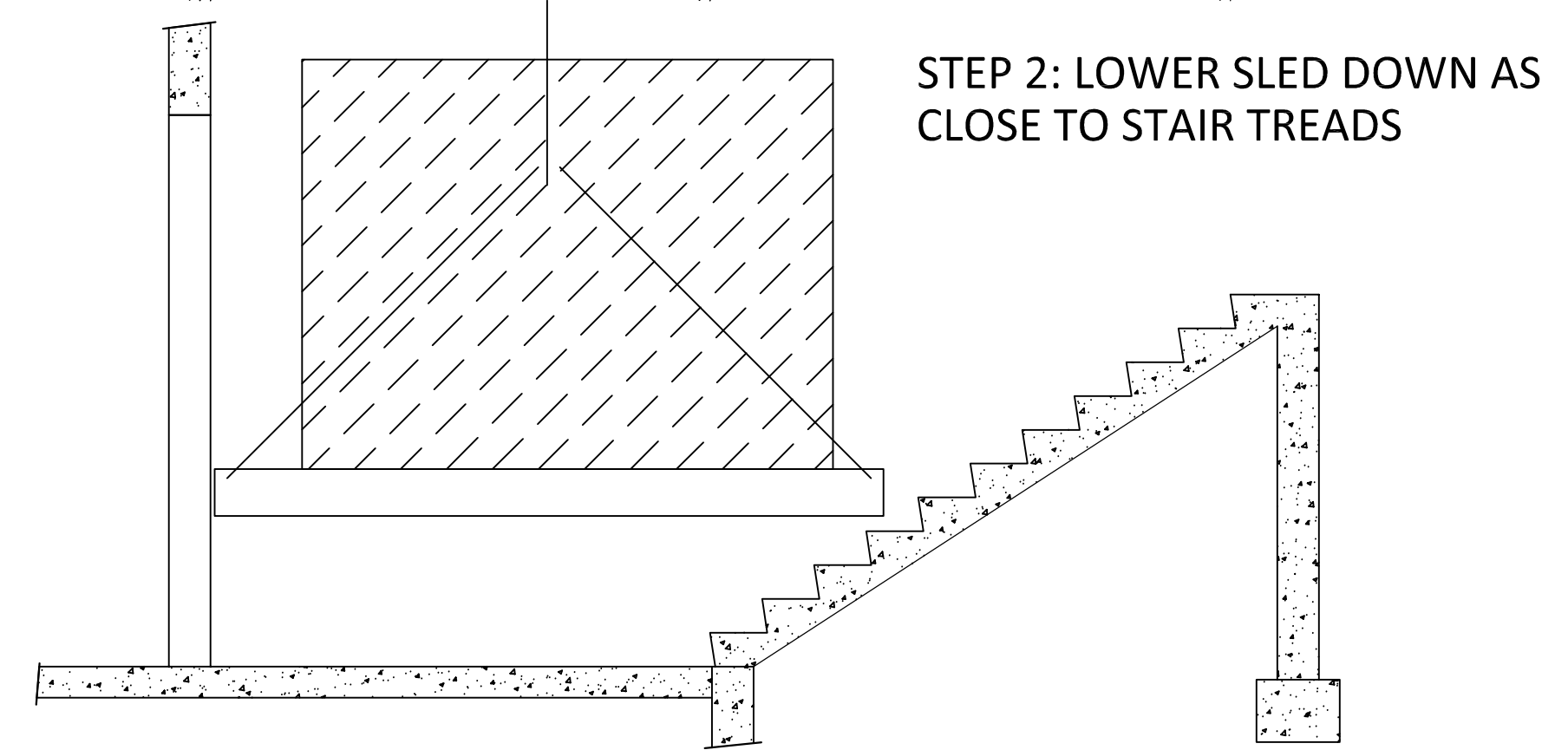
- 1) ROOF STRUCTURE OVER STAIRS: TO BE REMOVED AND REPLACED WITH EACH EQUIPMENT REMOVAL OR DELIVERY. REMOVE BOLTS AND LIFT OFF WITH CRANE. (BY OTHERS)
- 2) REMOVE EXISTING DOUBLE DOOR AND TRANSOM SALVAGE FOR REINSTALLATION AT COMPLETION OF PROJECT
- 3) TEMPORARY WALL AND DOOR, DUST CONSTRUCTION BARRIER WITH 84"Wx94"H DOUBLE DOOR AND FRAME (WALL TO UNDERSIDE OF FLOOR STRUCTURE)
- 4) TEMPORARY WALL AND DOOR, DUST CONSTRUCTION BARRIER WITH 42" DOOR AND FRAME (WALL TO UNDERSIDE OF BULKHEAD)
- 5) NEW CT SCANNER LOADED ON CONSTRUCTION SLED FOR TRANSPORTING INTO BASEMENT OF BUILDING #1 (BY OTHERS)
- 6) TEMPORARY CONSTRUCTION WALL AND DOOR, 7'-10" MINIMUM HEIGHT DOOR FOR CLEARANCE, SEE NOTE #3.
- 7) REMOVE EXISTING HANDRAILS DURING EQUIPMENT DEMO OR DELIVERY. REINSTALL FOLLOWING NEED FOR REMOVAL.
- 8) ADD ALT.: IF CRANE IS UNABLE TO PROPERLY LOWER EQUIPMENT TO BASEMENT LEVEL, DASHED AREA INDICATES CONCRETE STEP REMOVAL. SEE STRUCTURAL SHEET S1.1, PROVIDE ADD ALT NUMBER AS PART OF BID.
- 9) REMOVE EXISTING ACT CEILING & GRID AS REQUIRED FOR EQUIPMENT DELIVERY. SALVAGE & REINSTALL AT COMPLETION OF PROJECT.

NOTES. SPECIAL PROJECT PROCEDURES FOR HEALTHCARE FACILITY:

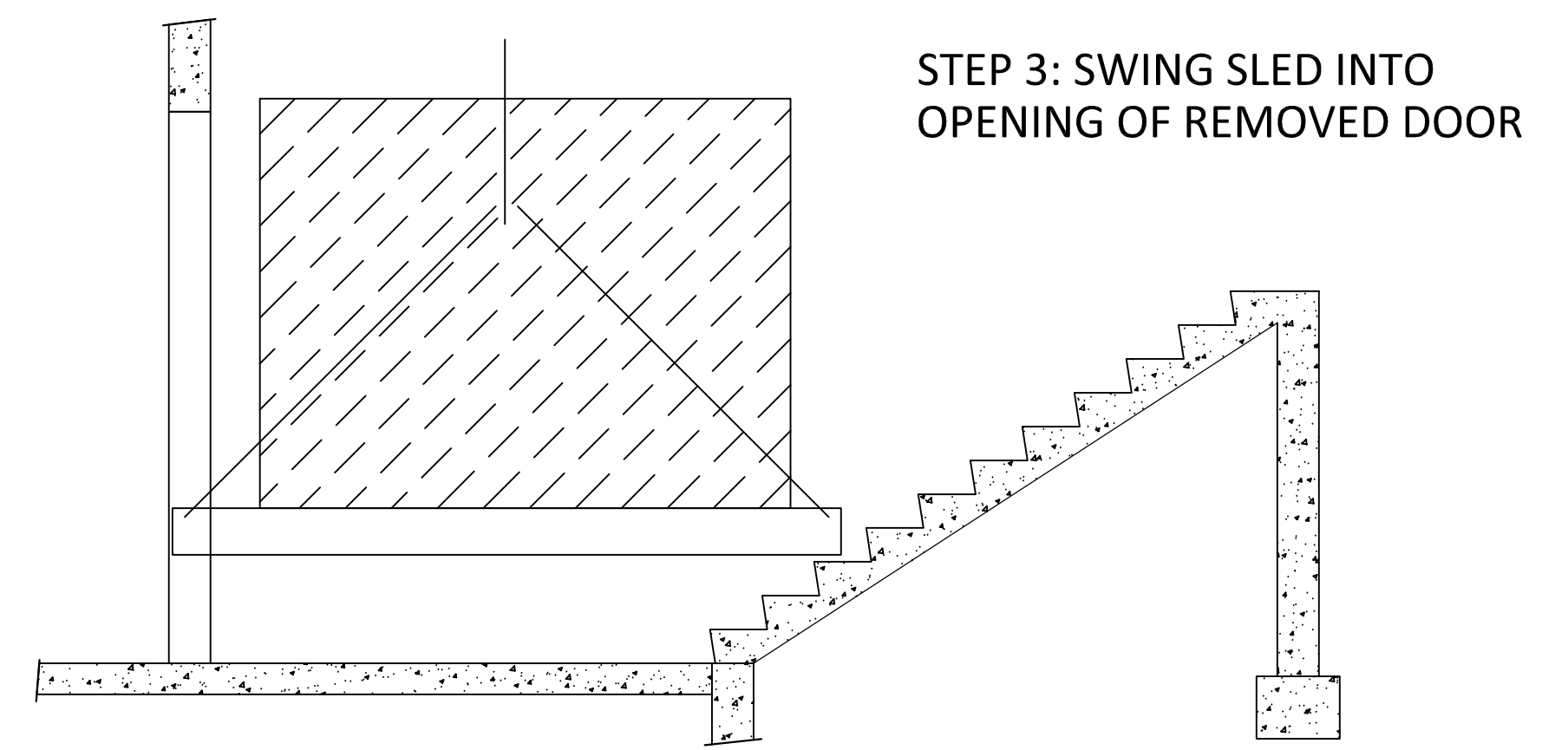
- IT IS THE GOVERNMENTS INTENTION TO MAINTAIN NORMAL OPERATION OF EXISTING MRI SPACE AND EQUIPMENT, THROUGHOUT CONSTRUCTION
- CONSTRUCTION PERSONNEL ARE NOT ALLOWED WITHIN FENCED PERIMETER OF MRI ROOF AREA.
- GENERAL CONTRACTOR SHALL PROTECT AND MAINTAIN OPERATION OF EXISTING MRI COOLING UNIT, AIR INTAKE LOUVER AND ELEC TRANS. AND POWER DISTRIBUTION
- CONTRACTOR SHALL PROVIDE VIBRATION MONITORING THROUGHOUT PROJECT ACTIVITY NEAR MRI AREA
- CONTRACTOR SHALL UTILIZE SAWS (NOT JACKHAMMERS) FOR DEMOLITION. SAW CUTTING AND DEMOLITION SHALL BE DONE AFTER 6 PM AND BEFORE 8 PM (MON-SAT) AND 8 AM AND 4:30 PM ON SUNDAY.
- CONTRACTOR SHALL INCLUDE COST OF (1) RECALIBRATING OF MRI DURING CONSTRUCTION, CONTACT WAYNE BRADLEY (PHILIPS HEALTHCARE) WAYNE.BRADLEY@PHILIPS.COM TO VERIFY CALIBRATION OF MRI. HAVE PHILIPS ESTABLISH A BASE LINE PRIOR TO CONSTRUCTION START.
- VA WILL TEST CALIBRATION PRIOR TO EACH SCAN DURING CONSTRUCTION PERIOD. IF CONSTRUCTION ACTIVITY HAVE INTERFERED WITH PERFORMANCE OF MRI, GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR CALIBRATION COSTS.



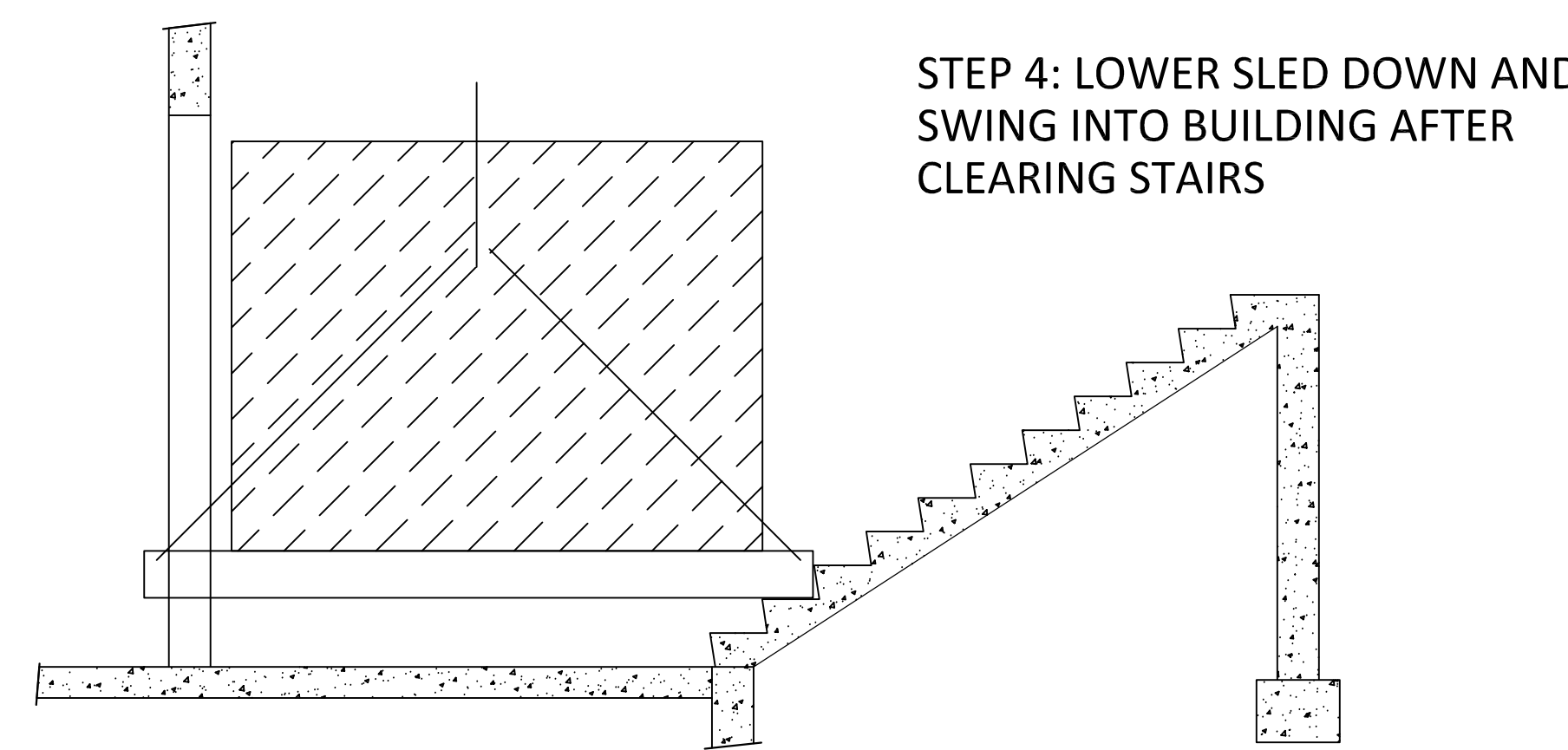
STEP 1: HOIST SLED ABOVE STAIRWELL



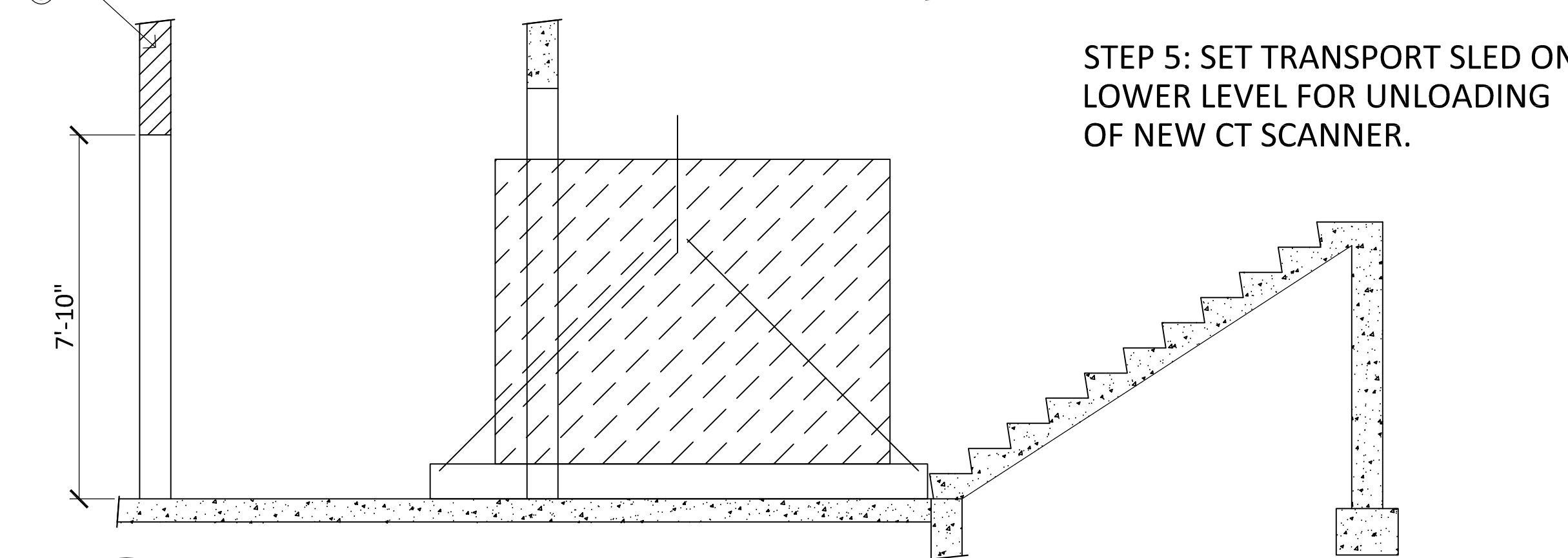
STEP 2: LOWER SLED DOWN AS CLOSE TO STAIR TREADS



STEP 3: SWING SLED INTO OPENING OF REMOVED DOOR



STEP 4: LOWER SLED DOWN AND SWING INTO BUILDING AFTER CLEARING STAIRS



STEP 5: SET TRANSPORT SLED ON LOWER LEVEL FOR UNLOADING OF NEW CT SCANNER.

3 EXISTING STAIR SECTION
AS4 SCALE = NTS

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No.	REVISION	DATE

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STAMP SEAL
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
DANIEL J. MILLER, AIA REG. NO. 45811
DATE: 09-21-2016

DRAWING TITLE
MRI AREA ENLARGED PLAN

PROJECT TITLE
REMODEL SITE FOR UPGRADE CT SCANNER

DATE
03.21.2016
PROJECT NO.
656-15-836
DRAWING NO.
AS4 DWG. 4 OF 4

